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 **PALM INTRANET**

## Inventor Information for 10/509118

Inventor Name	City	State/Country
LEE, JEONG-GI	KYUNGSANGBUK-DO	KOREA, REPUBLIC OF
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US 20050186609 A1	20050825	Method and system of replacing missing genotyping data	435/6	702/20	Oh, Ji-young et al.
US 20050186602 A1	20050825	Method for amplifying a nucleic acid using a solid phase material coated with a carboxyl group or amino group	435/6	435/91.2	Kim, Joon-ho et al.
US 20050185265 A1	20050825	Semiconductor optical amplifier and optical amplifying apparatus using the same	359/344		Lee, Jeong-Seok et al.
US 20050185264 A1	20050825	Reflective semiconductor optical amplifier	359/344		Shin, Hyun-Cheol et al.
US 20050185263 A1	20050825	Gain-clamped semiconductor optical amplifier	359/344		Lee, Jeong-Seok et al.
US 20050185262 A1	20050825	Broadband light source	359/344		Yun, In-Kuk et al.
US 20050185107 A1	20050825	Thin film transistor array panel and liquid crystal display including the panel	349/42	349/141	Ban, Byeong-Seob et al.
US 20050180287 A1	20050818	High-speed mixed analog/digital PRML data detection and clock recovery apparatus and method for data storage	369/59.15	369/59.21	Lee, Jeong-won et al.
US 20050179094 A1	20050818	SRAM cell and method of manufacturing the same	257/379	257/369; 257/903; 257/904	Kim, Do Woo et al.
US 20050179078 A1	20050818	Non-volatile memory devices including high-voltage transistors and methods of fabricating the same	257/314	257/392; 438/257; 438/275	Lee, Chang-Hyun
US 20050176336 A1	20050811	Method of manufacturing field emitter	445/50	445/51; 449/49	Lee, Sang-Hyun et al.
US 20050175917 A1	20050811	Positive chargeable magnetic toner composition	430/106.2	430/106.1; 430/106.3; 430/108.11; 430/108.6; 430/108.7	Lee, Won-Sup et al.

US 20050174200 A1	20050811	Fabrication method of multiple band surface acoustic wave devices	333/193	29/25.35	Lee, Jeong Yub et al.
US 20050173070 A1	20050811	Power supply unit for generating plasma and plasma apparatus including the same	156/345.43		Lee, Jeong-Beom
US 20050172113 A1	20050804	Method and apparatus for basic input output system loading	713/2		Lee, Chang-Hwa
US 20050171451 A1	20050804	System and method for managing growth and development of a user	600/547	600/300; 600/509	Yeo, Hyung-sok et al.
US 20050168671 A1	20050804	Transflective liquid crystal display device and method for manufacturing the same	349/114		Lee, Jeong Ha et al.
US 20050167683 A1	20050804	Sapphire/gallium nitride laminate having reduced bending deformation	257/81		Lee, Chang Ho et al.
US 20050164658 A1	20050728	Apparatus and method for cancelling interference in a mobile communication system using multiple antennas	455/121		Oh, Hyun-Seok et al.
US 20050163503 A1	20050728	Methods and apparatuses to provide a wavelength division-multiplexing passive optical network based on wavelength-locked wavelength-division-multiplexed light sources	398/19		Lee, Chang-Hee et al.
US 20050162598 A1	20050728	Liquid crystal display and panel therefor	349/139		Choi, Nak-Cho et al.
US 20050162596 A1	20050728	Liquid crystal display and a method for manufacturing the same	349/134		Kim, Hee-Joon et al.
US 20050162482 A1	20050728	Monolithic ink-jet printhead having a tapered nozzle and method for manufacturing the same	347/63		Lim, Hyung-taek et al.
US 20050158755 A1	20050721	Spotting device for manufacturing DNA microarray and spotting method using the same	435/6	347/1; 435/287.2	Lee, Jeong-gun et al.
US	20050721	Textured yarn with different	428/373	28/247;	Lee, Jeong-

20050158543 A1		shrinkage and excellent suede effect and method for preparing the same		428/365	Gi et al.
US 20050158197 A1	20050721	Dual-type air-type air conditioning system for vehicles	417/505	417/572	Park, Tae- Young et al.
US 20050157790 A1	20050721	Apparatus and mehtod of coding moving picture	375/240.16	375/240.03; 375/240.18; 375/240.19	Lee, Changho
US 20050157559 A1	20050721	Impulsive driving liquid crystal display and driving method thereof	365/185.22		Lee, Chang- Hun et al.
US 20050156272 A1	20050721	Semiconductor devices having storage nodes	257/503	438/616	Lee, Sang- hyeon et al.
US 20050156087 A1	20050721	Bracket for use in installing a sensor in a vehicle	248/223.41		Kim, Wanil et al.
US 20050155359 A1	20050721	Performance testing apparatus of refrigerating cycle	62/125	62/129	Shin, Jong Jin et al.
US 20050154963 A1	20050714	Deinterleaving device for digital broadcast receivers having a downsized deinterleaver memory and deinterleaving method thereof	714/763		Lee, Jeong- taek
US 20050154273 A1	20050714	Body surface bio-potential sensor having multiple electrodes and apparatus including the same	600/393		Lee, Jeong- hwan et al.
US 20050153225 A1	20050714	Non-magnetic monocomponent color toner and preparation method thereof	430/108.6		Lee, Hyeung-Jin et al.
US 20050151237 A1	20050714	Multi-chip assembly and method for driving the same	257/691		Kim, Kwi Wook et al.
US 20050148365 A1	20050707	System and method for connecting peripheral devices with mobile communication terminal	455/557		Lee, Chang Hee
US 20050147033 A1	20050707	METHOD OF CONTROLLING DATA FLOW FOR A MEDIA PLAYER SYSTEM	370/229		Chin, Yi- Lon et al.

US 20050146978 A1	20050707	Fast Fourier transform device and method for improving a processing speed thereof	365/230.06		Lee, Jeong-sang
US 20050145524 A1	20050707	Packaging for an optical sheet and a packaging method of the same	206/454		Lee, Chang-Heng et al.
US 20050142969 A1	20050630	Polyamide fiber for uncoated airbags	442/181	428/36.1	Yu, Je-An et al.
US 20050142869 A1	20050630	Method for fabricating cylinder type capacitor	438/672		Lee, Chang-Goo
US 20050142774 A1	20050630	Method for fabricating transistor of semiconductor device	438/296	257/E21.444	Lee, Sang Gi et al.
US 20050140521 A1	20050630	Method for controlling an electronic device from a distance via a command controller	340/825.69	398/115	Lin, Yen-Tsun et al.
US 20050136601 A1	20050623	Non-volatile semiconductor memory devices having self-aligned gate conductive layers and methods of fabricating such devices	438/296	257/E21.548; 257/E21.628; 257/E21.682; 257/E27.103	Jang, Young-Goan et al.
US 20050136459 A1	20050623	Patch for microarray reaction chamber having adhesive means support and two or more adhesive materials	435/6	435/287.2	Lee, Jeong-gun et al.
US 20050136289 A1	20050623	White organic light emitting device	428/690	313/504; 313/506; 428/212; 428/917	Chu, Hye Yong et al.
US 20050135738 A1	20050623	Broadband light source and broadband optical module using the same	385/27		Shin, Hyun-Cheol et al.
US 20050135137 A1	20050623	Semiconductor memory devices having conductive line in twisted areas of twisted bit line pairs	365/69		Lee, Chang-Ho et al.
US 20050133798 A1	20050623	Nitride semiconductor template for light emitting diode and preparation thereof	257/79	257/94; 438/22; 438/46	Jung, Hyun-Min et al.
US	20050623	Sauna far infrared heat	219/388		Lee, Chang



20050133492 A1		emitting article and method			Hwan
US 20050129548 A1	20050616	Suction valve and reciprocating compressor having the same	417/569	417/571; 417/902	Kim, Jong-Hoon et al.
US 20050128816 A1	20050616	Floating trap non-volatile semiconductor memory devices including high dielectric constant blocking insulating layers	365/185.29		Lee, Chang-Hyun et al.
US 20050127969 A1	20050616	Circuit of controlling pulse width and method of controlling the same	327/175		Lee, Jeong Woo
US 20050124463 A1	20050609	Training control method and apparatus using biofeedback	482/8	482/1; 482/900	Yeo, Hyung-sok et al.
US 20050123067 A1	20050609	Apparatus and method for detecting I/Q channel imbalance in direct conversion digital quadrature transmission system	375/298		Kim, Young-Wan et al.
US 20050122784 A1	20050609	Methods of fabricating floating trap non-volatile semiconductor memory devices including high dielectric constant blocking insulating layers	365/185.29		Lee, Chang-Hyun et al.
US 20050122571 A1	20050609	Gain-clamped semiconductor optical amplifier	359/337		Kim, Ho-In et al.
US 20050122459 A1	20050609	Liquid crystal display	349/139		Song, Jang-Kun et al.
US 20050121222 A1	20050609	Audio and video signal cable	174/113R		Lee, Chang-Chi
US 20050119844 A1	20050602	Apparatus and method for inspecting patterns on wafers	702/83		Lee, Chang-Hoon et al.
US 20050117866 A1	20050602	Strain tunable, flexible photonic crystals	385/129		Park, Wounjhang et al.
US 20050116193 A1	20050602	Composition of environmental friendly neuter loaded stream	252/2		Kang, Jung et al.

		extinguisher for ordinary fire (a class) and method for preparing the same			
US 20050116150 A1	20050602	Method for measuring particles in glass substrate	250/223R		Lee, Chang Ha et al.
US 20050112621 A1	20050526	Quantitative biopolymer detecting system using monolithic piezoelectric cantilever by resonant frequency shift, method for fabricating the same system and method for detecting biopolymer quantitatively using the same system	435/6	435/4	Kim, Tae Song et al.
US 20050110697 A1	20050526	Dipole antenna	343/795	343/700MS	Lee, Chang-Jung
US 20050110014 A1	20050526	Thin film transistor array panel and manufacturing method thereof	257/59	257/72; 257/E21.703; 257/E29.117; 438/149; 438/151	Park, Min-Wook et al.
US 20050107996 A1	20050519	Human skin impedance model representing a skin impedance response at high frequency	703/11		Jang, Woo-young et al.
US 20050107019 A1	20050519	Roll-type sandpaper with cutting lines and apparatus for manufacturing cutting lines	451/529		Lee, Chang Kyun
US 20050105575 A1	20050519	Multi-channel light source and multi-channel optical module using the same	372/43.01	372/92; 372/98	Kim, Seung-Woo et al.
US 20050105171 A1	20050519	Reflective semiconductor optical amplifier light source	359/344		Shin, Dong-Jae et al.
US 20050105074 A1	20050519	Mask supporting apparatus using vacuum and light exposing system, and method using the same	355/75		Lee, Chang-Won et al.
US 20050104069 A1	20050519	Thin film transistor array panel and manufacturing method thereof	257/72	257/59; 257/E21.703; 257/E27.111; 257/E29.117; 438/149;	Jun, Sahng-Ik et al.

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US 20050103147 A1	20050519	Robot arm with impact absorption structure	74/490.01		Lee, Dai Gil et al.
US 20050102379 A1	20050512	Method for on-line selecting and playing a media file	709/219	709/231	Su, Chuan- Ching et al.
US 20050101127 A1	20050512	Method of manufacturing semiconductor device that includes forming self- aligned contact pad	438/637	438/256; 438/738	Hwang, Jae- Hee et al.
US 20050099812 A1	20050512	Conduction state indicating connector	362/253	362/652; 362/800	Lee, Chang- Chi
US 20050099790 A1	20050512	Backlight assembly for a display device	362/632	362/634	Kang, Sang- Min et al.
US 20050098412 A1	20050512	Conveyor system having width adjustment unit	198/817		Uh, Ji Heum et al.
US 20050098359 A1	20050512	Structure for securing insert to insert drill	175/432	299/109	Lee, Jeong- Soo
US 20050097241 A1	20050505	Portable storage device	710/32		Lee, Chang- Hung
US 20050097214 A1	20050505	Network peripheral device and installation method thereof	709/231		Chen, Shu- Yi et al.
US 20050097117 A1	20050505	Traversal pattern mining apparatus and method thereof	707/101		Lee, Chang- Hung
US 20050096791 A1	20050505	Rubbing apparatus for liquid crystal display panel and method thereof	700/245		Lee, Jeong- Joon et al.
US 20050094724 A1	20050505	Method for transmitting video and the device thereof	375/240.01		Lee, Chang- Hung
US 20050094662 A1	20050505	METHOD FOR TRANSMITTING DATA BY AN AUDIO AND VIDEO PLAYBACK SYSTEM	370/465	370/503	Chin, Yi- Lon et al.
US 20050094617 A1	20050505	Wireless network synchronization system and method	370/350	455/419; 717/168	Lee, Chang- Hung

US 20050093310 A1	20050505	REAR BUMPER ASSEMBLY STRUCTURE FOR VEHICLE	293/155		Lee, Jeong- Ho
US 20050090239 A1	20050428	TEXT MESSAGE BASED MOBILE PHONE CONFIGURATION SYSTEM	455/418	455/419; 455/466	Lee, Chang- Hung et al.
US 20050089654 A1	20050428	Low shrinkage polyamide fiber and uncoated fabric for airbags made of the same	428/34.1		Yu, Je-An et al.
US 20050089586 A1	20050428	Extract of acanthopanax koreanum for the treatment or prevention of hepatitis or the liver protective drug	424/728	514/54	Lee, Jung Joon et al.
US 20050089270 A1	20050428	Optical transmitter module and wavelength division multiplexing light source using the same	385/27	359/342; 385/131	Shin, Dong- Jae et al.
US 20050089093 A1	20050428	NETWORK-BASED SYSTEM AND RELATED METHOD FOR PROCESSING MULTI- FORMAT VIDEO SIGNALS	375/240.12	375/240.01	Su, Chuan- Ching et al.
US 20050088984 A1	20050428	METHOD FOR VIDEO DATA TRANSMISSION IN A WIRELESS NETWORK	370/313		Chin, Yi- Lon et al.
US 20050088889 A1	20050428	Non-volatile memory devices having a multi- layered charge storage layer and methods of forming the same	365/202		Lee, Chang- Hyun et al.
US 20050088724 A1	20050428	Optical signal transmission apparatus including reflective gain-clamped semiconductor optical amplifier	359/333		Lee, Jeong- Seok et al.
US 20050088691 A1	20050428	Apparatus and method of optimizing printout speed of image forming apparatus	358/1.15	719/321	Lee, Chang- sub
US 20050088591 A1	20050428	Reflection type liquid crystal display device and method of manufacturing the same	349/113		Lee, Jeong- Ho et al.
US	20050428	Optically compensated bend	349/38		Lee, Chang-

20050088578 A1		mode liquid crystal display			Hun et al.
US 20050087744 A1	20050428	Flat panel display with thin film transistor	257/72	257/59; 257/E21.703; 257/E27.111; 257/E29.288; 257/E29.299; 438/149	Koo, Jae-Bon et al.
US 20050085869 A1	20050421	System and method for mapping diaphragm electrode sites	607/42	600/529	Tehrani, Amir J. et al.
US 20050085587 A1	20050421	Resin solution and method of forming a protection layer	524/594		Park, Seok Bong et al.
US 20050082625 A1	20050421	Methods of forming electronic devices including high-k dielectric layers and electrode barrier layers	257/412	257/413; 438/585	Kim, Byung-Hee et al.
US 20050082546 A1	20050421	Light-emitting device and method of manufacturing the same	257/79	257/E33.068	Lee, Jeong-Wook et al.
US 20050082535 A1	20050421	Thin film transistor array panel and manufacturing method thereof	257/72	430/311	Park, Min-Wook et al.
US 20050081709 A1	20050421	Choke valve of clutch release cylinder	91/443		Lee, Jeong-Kyu
US 20050080353 A1	20050414	Electronic device for measuring body fat, method of measuring body fat using the same, and health management system using the device and method	600/547	128/921	Whang, Jin-sang et al.
US 20050078359 A1	20050414	Broad-band light source using a semiconductor optical amplifier	359/344		Kim, Seung-Woo et al.
US 20050078233 A1	20050414	Thin film transistor array substrate and fabricating method thereof, liquid crystal display using the same and fabricating method thereof, and method of inspecting liquid crystal display	349/43		Lim, Byoung Ho et al.
US 20050077633	20050414	Anodic bonding structure, fabricating method thereof,	257/782	438/455	Ko, Young-chul et al.

A1		and method of manufacturing optical scanner using the same			
US 20050077553 A1	20050414	Methods of forming multi fin FETs using sacrificial fins and devices so formed	257/288	257/328; 257/E21.415; 257/E21.442; 257/E21.618; 257/E21.621; 257/E29.275; 257/E29.299; 438/197; 438/268	Kim, Sung-min et al.
US 20050077512 A1	20050414	Nitride semiconductors on silicon substrate and method of manufacturing the same	257/40		Yoon, Suk-ho et al.
US 20050076738 A1	20050414	Installation structure of brake pedal	74/512		Lee, Chang-Hyun
US 20050076430 A1	20050414	Sauna cabin assembly system and method	4/524		Lee, Chang Hwan
US 20050076399 A1	20050407	"Gfp-transfected clon pig, gt knock-out clon pig and methods for productions thereof	800/17		Lee, So H. et al.
US 20050074468 A1	20050407	Topical compositions containing nonimmunosuppressive cyclosporin derivatives for treating hair loss	424/400		Kim, Sang-Nyun et al.
US 20050073638 A1	20050407	Liquid crystal display device and method for fabricating the same	349/156		Byun, Young Sang et al.
US 20050072832 A1	20050407	Probe friction sheet welding method	228/112.1		Han, Heung-Nam et al.
US 20050071352 A1	20050331	System and method for association itemset analysis	707/100		Lee, Chang-Hung
US 20050070344 A1	20050331	Sliding-type portable digital communication apparatus	455/575.1		Im, Jung-Hyeok et al.
US 20050068473 A1	20050331	Backlight assembly and liquid crystal display device having the same	349/65		Kim, Heu-Gon et al.
US	20050331	Antenna reflection structure	343/784	343/912	Lee, Chang-

20050068242 A1					Jung
US 20050066419 A1	20050331	Headband with inserted lining tape for headwear	2/181		Lee, Jeong Sik
US 20050063579 A1	20050324	Method of automatically detecting pulmonary nodules from multi-slice computed tomographic images and recording medium in which the method is recorded	382/131	382/195	Lee, Jeong Won et al.
US 20050063170 A1	20050324	Backlight assembly and display device having the same	362/600		Lee, Sang-Hoon et al.
US 20050063144 A1	20050324	Portable swing-type digital communication device with step compensating mechanism	361/681		Park, Jun-Sang et al.
US 20050062408 A1	20050324	Active matrix organic light emitting device	313/504	313/500	Yoo, Jeong-Geun et al.
US 20050056329 A1	20050317	Discharge valve for compressor	137/856	137/857	Lee, Jeong Ho et al.
US 20050054777 A1	20050310	Antistatic articles of melt processible fluoropolymer	525/199		Lee, Jeong Chang
US 20050054397 A1	20050310	Portable sliding-type digital communication device and locking apparatus thereof	455/575.4	455/575.1	Kim, Jun et al.
US 20050054140 A1	20050310	Apparatus for stacking semiconductor chips, method for manufacturing semiconductor package using the same and semiconductor package manufactured thereby	438/109	257/724; 257/E21.705	Kim, Min-Ill et al.
US 20050053222 A1	20050310	Incoming and outgoing call system based on duplicate private network	379/219	370/352	Lee, Jeong-mi et al.
US 20050052004 A1	20050310	Inflatable windshield curtain	280/730.1	280/743.1	Bakhsh, Ali Emam et al.
US 20050048928	20050303	System and method for filtering signals in a	455/78	455/73	Jeon, Young-Deuk

A1		transceiver			et al.
US 20050047727 A1	20050303	Low noise multi-wavelength light source and wavelength division multiplexing system using same	385/88		Shin, Hyun-Cheol et al.
US 20050045988 A1	20050303	Integrated circuit package having inductance loop formed from a bridge interconnect	257/531		Koo, Yido et al.
US 20050045987 A1	20050303	Integrated circuit package having inductance loop formed from same-pin-to-same-bonding-pad structure	257/531	257/691; 257/692; 257/723	Koo, Yido et al.
US 20050045986 A1	20050303	Integrated circuit package having an inductance loop formed from a multi-loop configuration	257/531		Koo, Yido et al.
US 20050044926 A1	20050303	Apparatus and method for testing mechanical endurance of a surface of an optical disc	73/7		Seo, Hun et al.
US 20050042526 A1	20050224	Photomask blank and method of fabricating a photomask from the same	430/5	428/428; 428/432	Lee, Jeong-yun et al.
US 20050041971 A1	20050224	Multi-wavelength optical transmitter and bi-directional wavelength division multiplexing system using the same	398/72		Lee, Jea-Hyuck et al.
US 20050041549 A1	20050224	Apparatus and method for detecting an optimal writing power	369/47.53	369/53.2; 369/94	Lee, Jeong Yeol
US 20050041477 A1	20050224	Flash memory devices including multiple dummy cell array regions and methods of operating the same	365/185.29		Lee, Chang-Hyun et al.
US 20050041280 A1	20050224	Semiconductor optical amplifier having photo detector and method of fabricating the same	359/344		Lee, Jeong-Seok et al.
US 20050040416 A1	20050224	Gain-clamped semiconductor optical amplifier having horizontal lasing structure and manufacturing method	257/98		Lee, Jeong-Seok et al.



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US 20050037575 A1	20050217	Nonvolatile memory devices and methods of fabricating the same	438/257	257/E21.682; 257/E27.103; 257/E29.165; 257/E29.309; 438/265	Lee, Chang-Hyun
US 20050036787 A1	20050217	Bi-directional wavelength division multiplexing system	398/72		Lee, Jeong-Seok et al.
US 20050036086 A1	20050217	Method for fabricating transfective color LCD device and the transfective color LCD device	349/106	349/114	Kim, Yong-Beom et al.
US 20050031978 A1	20050210	Method for preparing of non-magnetic monocomponent color toner having superior long term stability	430/108.11	430/108.1; 430/108.2; 430/108.7	Lee, Hyeung-Jin et al.
US 20050030440 A1	20050210	Thin film transistor array panel and manufacturing method thereof	349/43		Lee, Jeong-Young et al.
US 20050029631 A1	20050210	Method of fabricating a semiconductor device having a photo-sensitive polyimide layer and a device fabricated in accordance with the method	257/640	257/643; 257/E21.024; 257/E21.027; 438/724; 438/725	Kim, Jae-Hyun et al.
US 20050028246 A1	20050210	Sweatband for a cap	2/183		Lee, Jeong Sik
US 20050026656 A1	20050203	Portable communication device including a camera module	455/557	455/550.1	Park, Seung-Min et al.
US 20050024554 A1	20050203	Method for illuminating liquid crystal display device, a back-light assembly for performing the same, and a liquid crystal display device using the same	349/65		Lee, Jeong-Hwan et al.
US 20050024440 A1	20050203	Apparatus and method for driving an ink-jet printhead	347/57		Lim, Ji-hyuk et al.
US 20050022540 A1	20050203	Heat driven acoustic orifice type pulse tube cryocooler	62/6		Kim, Ig Saeng et al.
US	20050127	Methods of forming a	438/585	257/E21.204;	Heo, Seong-

20050020042 A1		semiconductor device having a metal gate electrode and associated devices		257/E29.16; 438/587; 438/592	Jun et al.
US 20050019686 A1	20050127	Magnetic mono-component toner composition	430/106.1	430/106.2; 430/106.3; 430/108.6; 430/108.7	Lee, Won-Sup et al.
US 20050019595 A1	20050127	Biaxially oriented polyester film	428/480	428/910; 528/272; 528/308; 528/308.6	Kim, Sangil et al.
US 20050018395 A1	20050127	Cradle having beam projector for portable terminal	361/683		Park, Seung-Min et al.
US 20050013611 A1	20050120	Image data processing apparatus in optical subscriber network	398/51		Lee, Chang-Hyun et al.
US 20050012988 A1	20050120	Semiconductor optical amplifier and optical amplifier module	359/344		Kim, Seung-Woo et al.
US 20050012606 A1	20050120	Unfastened seat belt warning apparatus and method thereof	340/457.1		Lee, Jeong-Kee
US 20050011667 A1	20050120	Structure of audio signal cable	174/128.1		Lee, Chang-Chi et al.
US 20050011664 A1	20050120	Structure of a cable	174/102SC	174/106R	Lee, Chang-Chi
US 20050009581 A1	20050113	Slide type portable terminal	455/575.4		Im, Sang-Hyuk et al.
US 20050009214 A1	20050113	Method for aligning a wafer and apparatus for performing the same	438/7	438/401	Lim, Kyu-Hong et al.
US 20050007513 A1	20050113	Optical sheet and LCD apparatus using the same	349/57		Lee, Jeong-hwan et al.
US 20050006115 A1	20050113	Heat dissipating microdevice and method of making the same	174/15.6		Ding, Pei-Pei et al.
US 20050003628 A1	20050106	Methods of etching intermediate silicon germanium layers using ion implantation to promote	438/423	257/E21.219	Yun, Eun-jung et al.

		selectivity			
US 20050002347 A1	20050106	Apparatus and method for providing users with road traffic information using ad-hoc network	370/312		Lee, Chang-Kyun et al.
US 20050002172 A1	20050106	Diffusively reflective film, method of manufacturing the same, light guiding module, backlight assembly, and liquid crystal display apparatus having the same	362/627	428/458	Han, Byung-Woong et al.
US 20050001883 A1	20050106	Ink-jet printhead	347/63		Shin, Seung-joo et al.
US 20040268409 A1	20041230	System of dynamic video mode switching and method for transmitting the same	725/116	348/613; 725/131; 725/146; 725/81	Chin, Yi-Lon et al.
US 20040266212 A1	20041230	Method for manufacturing semiconductor device	438/761	257/E21.302; 438/769; 438/775	Lee, Chang Jin
US 20040266114 A1	20041230	Method for fabricating dual-gate semiconductor device	438/283	257/E21.637; 257/E21.642	Lee, Chang Yeol et al.
US 20040266081 A1	20041230	Methods of forming field effect transistors including raised source/drain regions	438/197	257/E21.429; 438/585; 438/589; 438/669	Oh, Chang-Woo et al.
US 20040266039 A1	20041230	Method of exposing layer with light and method of manufacturing thin film transistor substrate for liquid crystal display device using the same	438/30	257/59; 257/E21.414; 257/E21.703; 257/E27.111; 257/E29.151; 257/E29.291; 349/143; 438/149; 438/158	Ahn, Soon-Il et al.
US 20040265607 A1	20041230	Heat-shrinkable polyester film	428/480		Lee, Junggyu et al.
US 20040263766 A1	20041230	Liquid crystal display device and method of fabricating the same	349/156		Lee, Chang-Hoon et al.
US 20040263734 A1	20041230	Liquid crystal display	349/123		Lee, Chang-Hun et al.

US 20040263042 A1	20041230	Lamp and method of manufacturing the same	313/234	313/594; 313/607	Jung, Jae-Ho et al.
US 20040257895 A1	20041223	Bit line precharge signal generator for memory device	365/203		Lee, Chang Hyuk
US 20040257752 A1	20041223	Portable terminal	361/679		Lee, Chang- Il
US 20040257488 A1	20041223	Liquid crystal display and thin film transistor array panel therefor	349/43		Lee, Jeong- Ho et al.
US 20040256841 A1	20041223	Inflatable windshield curtain	280/730.1	280/743.1	Bakhsh, Ali Emam et al.
US 20040256741 A1	20041223	Apparatus and method for signal bus line layout in semiconductor device	257/782	257/E23.02; 257/E23.153	Lee, Chang- Ho et al.
US 20040256325 A1	20041223	Vertical gas induced flotation cell	210/703		Frankiewicz, Theodore C. et al.
US 20040252367 A1	20041216	Gain-clamped semiconductor optical amplifier using Raman amplification principle	359/337		Lee, Jeong- Seok et al.
US 20040251328 A1	20041216	Apparatus and method for modifying surface of polymer powder by rotational ultrasonic treatment	241/1		Kim, Jin Kuk et al.
US 20040247246 A1	20041209	Optical power equalizer in a passive optical network	385/48	385/27	Lee, Jeong- Seok et al.
US 20040246699 A1	20041209	Backlight assembly and liquid crystal display having the same	362/627		Lee, Jeong- Hwan
US 20040246388 A1	20041209	Liquid crystal display and driving method thereof	349/2		Lee, Chang- Hun et al.
US 20040246371 A1	20041209	Camera lens assembly for a portable terminal	348/375		Cho, Jin-Hee et al.
US 20040246310 A1	20041209	Monolithic ink-jet printhead and method of manufacturing the same	347/56		Shin, Su-ho et al.
US	20041209	Portable communication	235/472.01		Cho, Jin-Hee

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US 20040243036 A1	20041202	Kit of massage sheet and self-standing container	601/135	601/137	Ma Ki, Hyung et al.
US 20040240864 A1	20041202	Sauna far infrared heat emitting article and method	392/416		Lee, Chang Hwan
US 20040240133 A1	20041202	Laser diode protection circuit	361/91.1		Lee, Chang-Hyun et al.
US 20040239855 A1	20041202	Liquid crystal display	349/128	349/102	Chang, Hak-Sun et al.
US 20040239609 A1	20041202	Liquid crystal display, method and apparatus for driving the same	345/100		Lee, Chang-Hun et al.
US 20040238876 A1	20041202	Semiconductor structure having low resistance and method of manufacturing same	257/315	257/E21.198; 257/E29.157	Youn, Sunpil et al.
US 20040238823 A1	20041202	Thin film transistor array panel and liquid crystal display including the panel	257/72	257/E21.703; 257/E27.111	Lee, Chang-Hun et al.
US 20040237894 A1	20041202	Apparatus having high gas conductance	118/715		Han, Jung-Hun et al.
US 20040236038 A1	20041125	Crosslinked sulfonated polyimide films		525/928	Lee, Young-Moo et al.
US 20040234880 A1	20041125	Magnetic toner composition having superior electrification homogeneity	430/108.6	430/106.1; 430/108.7	Lim, In-Hee et al.
US 20040234265 A1	20041125	Wavelength division multiplexing optical transmitter using Fabry-Perot laser	398/79		Shin, Dong-Jae et al.
US 20040233656 A1	20041125	LIGHT SOURCE DEVICE FOR FLAT PANEL DEVICE	362/614	362/601	Lee, Ik-Soo et al.
US 20040233515 A1	20041125	Semiconductor optical amplifier module	359/344		Yun, In-Kuk et al.
US 20040230581 A1	20041118	Processing distributed mobile queries with interleaved remote mobile	707/10		Lee, Chang-Hung

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US 20040228108 A1	20041118	Reflector for back light assembly and back light assembly using the same	362/627	362/615	Lee, Jeong-hwan et al.
US 20040227880 A1	20041118	Liquid crystal display device and method of manufacturing the same	349/117		Chang, Hak-Sun et al.
US 20040226350 A1	20041118	Apparatus and method for testing endurance of optical disc	73/81		Kim, Jin Hong et al.
US 20040222470 A1	20041111	Semiconductor device and fabrication method thereof	257/355	257/E21.544; 257/E21.545; 257/E27.062; 257/E29.015	Lee, Chang Soo
US 20040222457 A1	20041111	Buried channel type transistor having a trench gate and method of manufacturing the same	257/328		Kim, Ji-Young et al.
US 20040220901 A1	20041104	System and method for association itemset mining	707/2		Lee, Chang-Hung
US 20040220483 A1	20041104	Method and apparatus for evaluating human stress using photoplethysmography	600/500	128/920; 600/300	Yeo, Hyung-sok et al.
US 20040219267 A1	20041104	Process for preparing nutritious cooked rice in aseptic package	426/324		Lee, Changyong et al.
US 20040218423 A1	20041104	Input and output driver	365/189.01		Lee, Chang Yeol et al.
US 20040215373 A1	20041028	System and method for communicating vehicle management information between vehicles using an ad-hoc network	701/1		Won, Eun-Tae et al.
US 20040212874 A1	20041028	Raman optical amplifier	359/334		Kim, Seung-Woo et al.
US 20040212757 A1	20041028	Liquid crystal display apparatus	349/64		Lee, Jeong-Hwan et al.
US 20040212709 A1	20041028	Image photographing apparatus	348/333.01		Lee, Chang-hee et al.
US	20041028	Metal oxide semiconductor	257/396	257/401;	Oh, Chang-

20040212024 A1		field effect transistors (MOSFETs) including recessed channel regions and methods of fabricating the same		257/409; 257/E21.426; 257/E21.434; 257/E29.052; 438/225; 438/284; 438/454	Woo et al.
US 20040209645 A1	20041021	Portable terminal	455/556.1	455/550.1; 455/575.1; 455/575.3	Park, Jun-Sang et al.
US 20040209577 A1	20041021	Portable wireless terminal including a moveable camera lens unit	455/90.3		Park, Seung-Min et al.
US 20040209463 A1	20041021	Methods of fabricating field effect transistors having multiple stacked channels	438/666	257/E21.409; 257/E21.415; 257/E21.431; 257/E21.444; 257/E21.618; 257/E29.137; 257/E29.255; 257/E29.286; 257/E29.299; 438/197; 438/279; 438/665	Kim, Sung-Min et al.
US 20040208068 A1	20041021	Row redundancy circuit and repair method	365/200		Lee, Chang Hyuk
US 20040208067 A1	20041021	Row redundancy circuit	365/200		Lee, Chang Hyuk
US 20040207584 A1	20041021	Flat panel display with improved white balance	345/82		Koo, Jae-Bon et al.
US 20040207583 A1	20041021	Flat panel display with improved white balance	345/82		Koo, Jae-Bon et al.
US 20040207582 A1	20041021	Flat panel display with improved white balance	345/82		Koo, Jae-Bon et al.
US 20040206106 A1	20041021	Dispenser assembly in refrigerator and refrigerator therewith	62/389	222/146.6	Lee, Chang Lim
US 20040206105 A1	20041021	Cover assembly of machinery chamber in refrigerator	62/298	62/389	Lee, Chang Lim

US 20040202969 A1	20041014	Photoresist removing compositions	430/331		Park, Seong Hwan et al.
US 20040202967 A1	20041014	Method of manufacturing semiconductor device	430/313	134/1.3; 430/311	Park, Seong Hwan et al.
US 20040202213 A1	20041014	Semiconductor optical package	372/36		Yun, In-Kuk et al.
US 20040201088 A1	20041014	Semiconductor multi-chip package and fabrication method	257/686	257/E21.705; 257/E25.013	Kim, Dong-Kuk et al.
US 20040200710 A1	20041014	Key switch device and portable electronic device having the same	200/344		Takada, Yasuo et al.
US 20040200494 A1	20041014	Attachable hair band	132/53		Lee, Chang Moo
US 20040199676 A1	20041007	Electronic peripheral device and network card	710/1		Chen, Chun-Chin et al.
US 20040197076 A1	20041007	Image processing method	386/46	386/125	Tseng, Ching-Te et al.
US 20040196542 A1	20041007	Gain-clamped semiconductor optical amplifier	359/344		Kim, Ho-In et al.
US 20040196427 A1	20041007	Liquid crystal display and thin film transistor array panel	349/143		Um, Yoon-Sung et al.
US 20040195570 A1	20041007	Flat panel display with thin film transistor	257/72	257/350; 257/351; 257/E21.703; 257/E27.111; 257/E29.288; 257/E29.299	Koo, Jae-Bon et al.
US 20040194491 A1	20041007	Multi-type air conditioner and method for controlling operation of the same	62/275	62/80	Park, Jong Han et al.
US 20040190856 A1	20040930	Image recording/reproducing apparatus and control method thereof	386/46		Kim, Jon-phil et al.
US 20040189918 A1	20040930	Liquid crystal display and panel therefor	349/141		Lee, Chang-Hun et al.



US 20040189827 A1	20040930	Image recording/reproducing apparatus and control method thereof	348/231.4		Kim, Jong-phil et al.
US 20040189338 A1	20040930	Apparatus for testing reliability of interconnection in integrated circuit	324/763		Song, Won-Sang et al.
US 20040187516 A1	20040930	Dispenser of refrigerator	62/389	222/146.6; 62/340	Lee, Jeong-Youl
US 20040186995 A1	20040923	User authentication method for a remote control apparatus and a remote control apparatus	713/168		Yim, Kyeong-Su et al.
US 20040185923 A1	20040923	Key input device for portable communication terminal	455/575.1	455/575.3; 455/575.8	Park, In-Gon et al.
US 20040184525 A1	20040923	Wireless audio/video signal transmitting apparatus and method	375/240.01		Lee, Chang-Hung et al.
US 20040184179 A1	20040923	Apparatus and method for detecting an abnormality in a recorded signal	360/69		Lee, Chang-Hyeon
US 20040183955 A1	20040923	Thin film transistor array panel and manufacturing method thereof	349/43		Souk, Jun-Hyung et al.
US 20040182169 A1	20040923	Apparatus and method for testing mechanical endurance of a surface of an optical disc	73/808		Seo, Hun et al.
US 20040181572 A1	20040916	System for providing information related to a location using keyword name and method thereof	709/200		Lee, Pan-Jung et al.
US 20040180703 A1	20040916	Bar type portable wireless terminal	455/575.1	455/556.2	Kim, Sung-Kwon et al.
US 20040180489 A1	20040916	MOS transistor and method for fabricating the same	438/199	257/69; 257/E21.633; 257/E21.644; 257/E27.063; 257/E29.063; 257/E29.266; 438/224	Sohn, Yong-Sun et al.
US 20040179540	20040916	Universal multi-media gateway	370/401	370/315; 370/338	Lee, Chang-Hung et al.

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US 20040179136 A1	20040916	Image transmission system and method thereof	348/390.1	375/240.01	Lee, Chang-Hung
US 20040178710 A1	20040916	Supplementary storage device for refrigerator and refrigerator therewith	312/405		Kim, Tae Young et al.
US 20040174333 A1	20040909	Backlight assembly and liquid crystal display device using the same	345/102		Kim, Min-Gyu et al.
US 20040174137 A1	20040909	Desktop charger for bar-type portable wireless terminal	320/114		Kim, Sung-Kwon et al.
US 20040171243 A1	20040902	Method of forming a conductive pattern of a semiconductor device and method of manufacturing a non-volatile semiconductor memory device using the same	438/593	257/E21.422; 257/E21.583; 438/585	Lee, Don-Woo et al.
US 20040170053 A1	20040902	PHASE CHANGE MEMORY ARRAY	365/163		Lee, Keun-ho et al.
US 20040169238 A1	20040902	Non-volatile semiconductor memory devices with a gate electrode having a higher work-function than a polysilicon layer	257/406		Lee, Chang-Hyun et al.
US 20040168195 A1	20040826	Digital broadcasting system and operating method thereof	725/110	725/109; 725/112; 725/135	Lee, Chang Sup
US 20040166909 A1	20040826	Apparatus and method for monitoring antenna state of mobile station	455/575.7		Lee, Chang-Kyu
US 20040166633 A1	20040826	Method of fabricating cell of nonvolatile memory device with floating gate	438/261	257/E21.682; 257/E27.103; 438/296	Lee, Chang-Hyun et al.
US 20040166623 A1	20040826	Method for reducing poly-depletion in dual gate CMOS fabrication process	438/221	257/E21.637; 438/585	Lee, Chang Yeol et al.
US 20040165905 A1	20040826	Image formation device using an I2C bus and a control method thereof	399/75		Lee, Chang-Bok
US 20040164790 A1	20040826	Bias circuit having a start-up circuit	327/546		Moon, Jae-jun et al.

US 20040164294 A1	20040826	Organic thin film transistor	257/40	257/E51.047	Son, Se-Hwan et al.
US 20040162122 A1	20040819	Antenna structure for reducing effects on the human body of electromagnetic waves from mobile communication terminal	455/575.7	455/575.1	Lee, Chang Muk
US 20040161867 A1	20040819	Method of manufacturing field emission device	438/20		Lee, Jeong-hee et al.
US 20040161399 A1	20040819	Use of nonimmunosuppressive [ $\gamma$ -( $\gamma$ -hydroxy-n-methyl-leucine $\epsilon$ )cyclosporin derivatives for treating hair loss	424/70.14	514/11	Kim, Sang-Nyun et al.
US 20040160894 A1	20040819	European digital audio broadcast receiver having a simply implementable fast fourier transform processor and an operation method therefor	370/210		Lee, Jeong-sang
US 20040157581 A1	20040812	Triple-axis rotation type headset	455/344	455/569.1; 455/575.2	Park, Jun-Sang et al.
US 20040156962 A1	20040812	Process for preparing cooked rice in aseptic package made of long grain having property of fluffiness	426/392	426/106	Lee, Changyong et al.
US 20040156247 A1	20040812	Method of fabricating non-volatile memory device	365/200		Cho, In-Soo et al.
US 20040153784 A1	20040805	Image recording/reproducing apparatus for system optimization	714/25		Lee, Chang-Rok
US 20040153781 A1	20040805	Computer system providing endian information and method of data transmission thereof	714/25		Lee, Jeong-Ju
US 20040153761 A1	20040805	Method of data backup and recovery	714/15		Lee, Chang-ho
US	20040805	Image	714/5		Lee, Chang-

20040153720 A1		recording/reproducing apparatus capable of reducing hard disc drive space waste			Rok
US 20040151379 A1	20040805	Method of digital image analysis for isolating a region of interest within a tongue image and health monitoring method and apparatus using the tongue image	382/209	382/128; 382/173	Kim, Tae-woo et al.
US 20040150774 A1	20040805	Liquid crystal display	349/130	349/76	Lee, Chang-Hun et al.
US 20040150051 A1	20040805	SRAM cell and method of manufacturing the same	257/368	257/E21.661; 257/E27.099	Kim, Do Woo et al.
US 20040147090 A1	20040729	Shallow trench isolation	438/424	257/E21.549; 257/E21.625; 257/E21.628; 438/296	Kim, Inki et al.
US 20040145915 A1	20040729	Light guide plate and method of fabricating the same	362/559		Kim, Dong-Hoon et al.
US 20040145412 A1	20040729	Boosting circuit	330/255		Lee, Jeong-won et al.
US 20040142917 A1	20040722	Porphyrin derivatives	514/185	514/410; 540/145	Woo, Nam-Tae et al.
US 20040142503 A1	20040722	Method of manufacturing highly efficient semiconductor device	438/47	257/E33.005	Lee, Jeong-Wook et al.
US 20040140520 A1	20040722	Double gate MOS transistors and methods of manufacturing double gate MOS transistors	257/509	257/347; 257/67; 257/E21.415; 257/E21.703; 257/E27.112; 257/E29.275; 257/E29.278; 257/E29.286; 438/152; 438/208	Kim, Sung-Min et al.
US 20040139755 A1	20040722	Multi-type air conditioner with plurality of distributor able to be shutoff	62/199	62/525	Han Park, Jong et al.

US 20040138960 A1	20040715	Online entrusting system	705/26		Lin, I-Linag et al.
US 20040138784 A1	20040715	Method for operating multi-type air conditioner	700/277		Park, Jong Han et al.
US 20040136550 A1	20040715	Acoustice vibration system with speaker for air mattresses	381/301	381/333; 381/388	Park, Yang Sung
US 20040136278 A1	20040715	Track error detection device having a function of removing a phase offset, and phase offset removing method thereof	369/44.25	369/44.35; 369/44.41	Lee, Jung- Eun et al.
US 20040136102 A1	20040715	Apparatus for generating parallel beam with high flux	359/857		Cho, Sang Jin et al.
US 20040135953 A1	20040715	In-plane switching mode liquid crystal display device and method for manufacturing the same	349/141		Lee, Chang Hoon et al.
US 20040135194 A1	20040715	Non-volatile memory devices with charge storage insulators and methods of fabricating such devices	257/315	257/E21.423; 257/E21.679; 257/E27.103	Lee, Chang- Hyun
US 20040134215 A1	20040715	Multi-type air conditioner	62/324.1	62/324.6; 62/513	Park, Jong Han et al.
US 20040134205 A1	20040715	Multi-type air conditioner with defrosting device	62/151	62/277	Park, Jong Han et al.
US 20040132272 A1	20040708	Methods of fabricating a semiconductor device having a metal gate pattern	438/585	257/250; 438/592	Ku, Ja-Hum et al.
US 20040131365 A1	20040708	Optical transmission system for optimizing bias of laser diode for SCM analog optical signal	398/197		Lee, Chang- Hyun et al.
US 20040130597 A1	20040708	Monolithic ink-jet printhead and method for manufacturing the same	347/56		Kim, Hyeon- Cheol et al.
US 20040129959 A1	20040708	Semiconductor devices with enlarged recessed gate electrodes and methods of fabrication therefor	257/288	257/330; 257/E21.205; 257/E21.429; 257/E29.135; 257/E29.152;	Kim, Seong- Ho et al.

				257/E29.266; 257/E29.267; 438/197; 438/270	
US 20040127547 A1	20040701	Prodigiosin composition for the treatment of rheumatic arthritis	514/422		Kim, Hwan-Mook et al.
US 20040126263 A1	20040701	Vane of compressor	418/152		Lee, Chang-Soo
US 20040125329 A1	20040701	Method for fabricating a liquid crystal display	349/187	349/129	Lee, Jeong-Ho et al.
US 20040125307 A1	20040701	Array testing system on array substrate having multiple cells	349/149		Lee, Su-Woong et al.
US 20040124756 A1	20040701	Field emission device and method of manufacturing the same	313/311	313/310; 445/24; 445/50	Lee, Jeong-Hee et al.
US 20040123623 A1	20040701	Structure for reducing refrigerant flow loss in compressor	62/498	418/216	Lee, Chang-Soo et al.
US 20040122465 A1	20040624	Balloon catheter having an external guidewire	606/194		McMurtry, Christopher et al.
US 20040120338 A1	20040624	Multi-functional switch fabric apparatus and control method for the same	370/419	370/352	Cheung, Tae Sik et al.
US 20040119643 A1	20040624	PLANAR INVERTED-F ANTENNA AND APPLICATION SYSTEM THEREOF	343/700MS	343/702; 343/767	Lee, Chang-Jung
US 20040118835 A1	20040624	Combined toaster and microwave oven and control method thereof	219/680	219/685	Lee, Chang Su et al.
US 20040118324 A1	20040624	Cement admixture having superior water-reducing properties and method for preparing the same	106/802	106/724; 106/728; 106/810; 106/823; 524/5	Choi, Byeong-Gil et al.
US 20040116089 A1	20040617	High frequency composite component	455/140	455/143	Lee, Chang Yong et al.
US 20040114372 A1	20040617	Liquid crystal display device having an electromagnetic-wave	362/330	349/59; 349/64; 362/311;	Han, Byung-Woong et al.

		shielding member		362/354; 362/355	
US 20040114345 A1	20040617	Light guide plate with stepped edge and display device having the same	362/613	362/26	Kim, Dong-Hoon et al.
US 20040114087 A1	20040617	Liquid crystal display, panel therefor, and manufacturing method thereof	349/155		Cho, Young-Je et al.
US 20040114059 A1	20040617	Thin film transistor array panel for liquid crystal display and method for manufacturing the same	349/39	257/E21.703; 257/E27.111	Lee, Chang-Hun et al.
US 20040113212 A1	20040617	MOS transistors having inverted T-shaped gate electrodes and fabrication methods thereof	257/408	257/E21.205; 257/E21.434; 257/E21.637; 257/E21.638; 257/E21.64; 257/E29.135; 438/305; 438/585	Lee, Shin-Ae et al.
US 20040109099 A1	20040610	Thin film transistor array panel for liquid crystal display	349/38		Lee, Chang-Hun et al.
US 20040109043 A1	20040610	Monolithic ink-jet printhead and method for manufacturing the same	347/63		Song, Hoon et al.
US 20040108570 A9	20040610	Flash memory devices having self aligned shallow trench isolation structures and methods of fabricating the same	257/510	257/E21.209; 257/E21.682; 257/E27.103; 257/E29.129; 257/E29.306	Lee, Chang-Hyun et al.
US 20040107357 A1	20040603	Apparatus and method for protecting data on computer hard disk and computer readable recording medium having computer readable programs stored therein	726/26	713/193	Jeon, Young Uck et al.
US 20040105920 A1	20040603	Sterilization method of rice and processed rice foodstuffs	426/331		Isobe, Seiichiro et al.
US 20040105060 A1	20040603	Liquid crystal display with a wide viewing angle using a compensation film	349/117		Lyu, Jae-Jin et al.
US 20040104447 A1	20040603	Integrated circuit structures including epitaxial silicon layers in active regions and	257/506	257/E21.415; 257/E21.564; 257/E21.703;	Kim, Sung-Min et al.

		methods of forming same		257/E27.112; 257/E29.284; 257/E29.286	
US 20040100535 A1	20040527	Monolithic ink-jet printhead having a heater disposed between dual ink chambers and method for manufacturing the same	347/63		Song, Hoon et al.
US 20040098746 A1	20040520	Method and apparatus for displaying digital broadcasting	725/80		Lee, Chang Sup et al.
US 20040096606 A1	20040520	Medical device balloon	428/35.2	606/194	Lee, Jeong S. et al.
US 20040094776 A1	20040520	Non-volatile memory device and method for fabricating the same	257/200	257/E21.679; 257/E27.103	Lee, Chang-Hyun et al.
US 20040092075 A1	20040513	Method for fabricating a semiconductor device	438/305	257/E21.194; 257/E29.152; 438/303; 438/595	Yeo, Sang-Won et al.
US 20040091924 A1	20040513	Method for detecting base mutation	435/6	435/91.2	Kim, Nam-Kcun et al.
US 20040090578 A1	20040513	Liquid crystal display	349/117		Chang, Hak-Sun et al.
US 20040090572 A1	20040513	Prism sheet and fabrication method thereof and liquid crystal display device employing the same	349/95		Han, Byung-Woong et al.
US 20040087933 A1	20040506	Stiff guiding catheter liner material	604/532		Lee, Jeong S. et al.
US 20040087249 A1	20040506	Alignment mark and exposure alignment system and method using the same	451/28	257/E23.179	Song, Won et al.
US 20040086071 A1	20040506	Optimum evaluation system for safety analysis of a nuclear power plant	376/259		Lee, Chang Sup et al.
US 20040086057 A1	20040506	Communication transmitter using offset phase-locked-loop	375/295		Lee, Kang-Yoon et al.
US 20040085103 A1	20040506	System and method for suppressing noise in a phase-locked loop circuit	327/156		Ahn, Youngho et al.



US 20040084746 A1	20040506	Self-aligned semiconductor contact structures and methods for fabricating the same	257/503	257/E21.205; 257/E21.507; 257/E21.62; 257/E21.627; 257/E29.135	Kim, Seong-Ho et al.
US 20040082935 A1	20040429	Catheter having a reinforcing mandrel	604/523		Lee, Jeong Soo et al.
US 20040080980 A1	20040429	Methods of programming non-volatile semiconductor memory devices including coupling voltages and related devices	365/185.17		Lee, Chang-Hyun
US 20040080583 A1	20040429	Monolithic ink-jet printhead having a tapered nozzle and method for manufacturing the same	347/56		Lim, Hyung-Taek et al.
US 20040079722 A1	20040429	Method for controlling CD during an etch process	216/2		Kim, Myeong-Cheol et al.
US 20040077148 A1	20040422	Methods of manufacturing transistors and transistors having an anti-punchthrough region	438/302	257/E21.345; 257/E21.618; 257/E21.645; 257/E29.063	Lee, Chang-Sub et al.
US 20040077143 A1	20040422	Semiconductor device and method for fabricating the same using damascene process	438/253	438/254; 438/637; 438/640	Lee, Chang-Huhn et al.
US 20040075722 A1	20040422	Ink-jet printhead and method for manufacturing the same	347/93		Lee, Chang-Seung et al.
US 20040075707 A1	20040422	Monolithic ink-jet printhead having a metal nozzle plate and manufacturing method thereof	347/18		Shin, Su-Ho et al.
US 20040075156 A1	20040422	Semiconductor devices having storage nodes and methods of manufacturing the same	257/503		Lee, Sang-Hyeon et al.
US 20040072989 A1	20040415	Blue electroluminescent polymer and organic-electroluminescent device using the same	528/397	257/E51.032; 257/E51.036; 528/403	Son, Jhun-mo et al.
US 20040071650 A1	20040415	Use of cyclosporin 7-thioamide derivatives for hair growth	424/70.14	514/11; 514/9	Kim, Sang-Nyun et al.

US 20040066476 A1	20040408	Optical member, method of fabricating the same and liquid crystal display apparatus having the same	349/112		Lee, Jeong-Hwan et al.
US 20040063668 A1	20040401	Novel acyclic nucleoside phosphonate derivatives, salts thereof and process for the preparation of the same	514/81	514/86; 544/243; 544/244	Choi, Jong-Ryoo et al.
US 20040063626 A1	20040401	Use of cyclosporin a 7-thioamide derivatives for hair growth	514/11		Kim, Sang-Nyun et al.
US 20040063286 A1	20040401	Field effect transistors having multiple stacked channels	438/283	257/E21.409; 257/E21.415; 257/E21.431; 257/E21.444; 257/E21.618; 257/E29.137; 257/E29.255; 257/E29.286; 257/E29.299; 438/197; 438/284; 438/301; 438/588	Kim, Sung-Min et al.
US 20040060830 A1	20040401	Microwave oven with saucer holders	206/217	206/564	Lee, Jeong-Hee
US 20040059715 A1	20040325	Internet automatic electric data system	707/1	257/E21.525	Lin, I-Linag et al.
US 20040057728 A1	20040325	Optical subscriber network system for receiving broadcast/communication signals	398/72	398/74	Kim, Chan-Yul et al.
US 20040056247 A1	20040325	Bitline of semiconductor device having stud type capping layer and method for fabricating the same	257/44	257/E21.507; 257/E21.579	Jeong, Mun-Mo et al.
US 20040048918 A1	20040311	Novel use of diterpene compound as a therapeutic agent of inflammation, immune disease or cancer	514/453	514/683; 549/383; 568/369	Lee, Jung-Joon et al.
US 20040044231 A1	20040304	Process for preparing (-)-(18-crown-6)-2,3,11,12-tetracarboxylic acid, and (-)-chiral stationary phases for	549/346		Lee, Ho Seong et al.

		resolution of racemic compounds using the same			
US 20040040412 A1	20040304	Crank Shaft	74/595		Lee, In Won et al.
US 20040035450 A1	20040226	Apparatus for cleaning the edges of wafers	134/93	134/144; 134/148; 134/153; 134/157; 257/E21.228	Ko, Se-Jong et al.
US 20040035135 A1	20040226	Multi-air conditioner and operation method thereof	62/324.6	62/223; 62/324.1	Park, Jong Han et al.
US 20040035133 A1	20040226	Simultaneous heating and cooling operation type multi-air conditioner	62/324.1	62/160	Park, Jong Han et al.
US 20040035132 A1	20040226	Multi-air conditioner and operation method thereof	62/324.1	62/197	Park, Jong Han et al.
US 20040034263 A1	20040219	Bisphenylene-spirobifluorene compounds, method for synthesizing the same, and electroluminescence material and device having the same	585/400	257/E51.032; 257/E51.036	Lee, Hyoyoung et al.
US 20040033150 A1	20040219	Compressor	418/92	418/219	Lee, Chang- Soo et al.
US 20040031994 A1	20040219	Semiconductor device with gate space of positive slope and fabrication method thereof	257/368	257/390; 257/E21.626; 438/197; 438/303; 438/587; 438/595	Lee, Chang- Huhn et al.
US 20040031924 A1	20040219	Infrared sensor assembly and refrigerator having the infrared sensor	250/353		Cho, Seong- Ho et al.
US 20040031570 A1	20040219	Apparatus for bonding a chip using an insulating adhesive tape	156/510	156/516; 156/556; 156/580; 257/E21.505; 257/E21.705	Kim, Dong- Kuk et al.
US 20040031276 A1	20040219	CONCENTRATION COOLING APPARATUS OF REFRIGERATOR	62/186	236/49.3	Cho, Seong- Ho et al.

US 20040031275 A1	20040219	APPARATUS AND METHOD FOR CONTROLLING CONCENTRATED COOLING OF REFRIGERATOR	62/179	62/408	Cho, Seong-Ho et al.
US 20040031274 A1	20040219	Infrared sensor assembly and refrigerator having the infrared sensor	62/126	62/228.1	Cho, Seong-Ho et al.
US 20040028215 A1	20040212	Communication device employing a low impedance transformer	379/399.01	379/402	Lee, Jeong-Baek
US 20040027067 A1	20040212	Light emitting diode, light emitting device using the same, and fabrication processes therefor	313/512	257/E33.075	Song, Kyung-Sub et al.
US 20040024105 A1	20040205	Thin film material using pentaerythritol acrylate for encapsulation of organic or polymeric light emitting device, and encapsulation method for LED using the same	524/492	427/248.1; 524/450	Kim, Gi Heon et al.
US 20040023624 A1	20040205	RF front end with reduced carrier leakage	455/118		Song, Eunseok et al.
US 20040023451 A1	20040205	Non-volatile memory device having floating trap type memory cell and method of forming the same	438/201	257/E21.689; 257/E27.081; 257/E29.165; 257/E29.309	Lee, Chang-Hyun et al.
US 20040020586 A1	20040205	Method of making a catheter balloon using a polyimide covered mandrel	156/195	156/184; 156/293; 264/331.11; 264/331.14; 264/334; 264/338; 604/103.01	Blankenship, Delma M. et al.
US 20040016259 A1	20040129	Concentrated cooling apparatus of refrigerator	62/408	62/186; 62/275	Cho, Seong-Ho et al.
US 20040016249 A1	20040129	Concentration cooling apparatus for refrigerator	62/186	62/80	Cho, Seong-Ho et al.
US 20040016248 A1	20040129	CONCENTRATION COOLING APPARATUS FOR REFRIGERATOR	62/186	236/49.3	Cho, Seong-Ho et al.

US 20040016247 A1	20040129	COLD AIR SUPPLY APPARATUS OF REFRIGERATOR	62/186	236/49.3	Cho, Seong- Ho et al.
US 20040015853 A1	20040122	System having an arithmetic-logic circuit for determining the maximum or minimum of a plurality of codes	717/119	717/100	Prenn, M. Therese et al.
US 20040015183 A1	20040122	Catheter balloon having impregnated balloon skirt sections	606/194		Lim, Florescia et al.
US 20040014330 A1	20040122	Method of fabricating a semiconductor device having a silicon oxide layer, a method of fabricating a semiconductor device having dual spacers, a method of forming a silicon oxide layer on a substrate, and a method of forming dual spacers on a conductive material layer	438/769	257/E21.279; 257/E21.682; 257/E27.103	Ku, Ja-Hum et al.
US 20040014257 A1	20040122	Method for joining lead frames in a package assembly, method for forming a chip stack package, and a chip stack package	438/111	257/686; 257/E23.039; 257/E23.042; 257/E23.049; 257/E23.052	Kim, Pyoung Wan et al.
US 20040008524 A1	20040115	Backlight assembly and liquid crystal display device using the same	362/561	362/330; 362/558	Lee, Keun- Woo et al.
US 20040005236 A1	20040108	Compressor	418/219		Lee, Chang- Soo
US 20040004265 A1	20040108	Flash memory devices having self aligned shallow trench isolation structures and methods of fabricating the same	257/510	257/E21.209; 257/E21.682; 257/E27.103; 257/E29.129; 257/E29.306	Lee, Chang- Hyun et al.
US 20040002728 A1	20040101	Coil reinforced multilayered inner tubular member for a balloon catheter	606/194		Speck, Marc L. et al.
US 20040001330 A1	20040101	Backlight assembly and liquid crystal display apparatus having the same	362/613		Kang, Sung- Yong et al.
US	20031225	Methods of forming	438/243	257/E21.011;	Lee, Kyu-

20030235946 A1		integrated circuit memory devices that include a plurality of landing pad holes that are arranged in a staggered pattern and integrated circuit memory devices formed thereby		257/E21.019	Hyun et al.
US 20030231037 A1	20031218	Charge pump having reduced switching noise	327/157		Lee, Chang-Hyeon et al.
US 20030231036 A1	20031218	Low power voltage to current converter	327/156	327/103	Lee, Chang-Hyeon et al.
US 20030230107 A1	20031218	Multi-type air conditioner	62/324.6	62/504	Lee, Chang Seon
US 20030230105 A1	20031218	Multi-type air conditioner and method for operating the same	62/324.6	62/510	Lee, Chang Seon
US 20030227767 A1	20031211	Backlight assembly and liquid crystal display apparatus	362/23	349/64; 362/225; 362/246; 362/247	Lee, Tae-Jin et al.
US 20030227340 A1	20031211	LC oscillator with wide tuning range and low phase noise	331/177R		Koo, Yido et al.
US 20030226843 A1	20031211	Microwave oven with saucer holders	219/762		Lee, Jeong-Hee
US 20030224551 A1	20031204	Cantilever sensor and fabrication method thereof	438/49		Kim, Tae Song et al.
US 20030224153 A1	20031204	Dielectric composition and multilayer ceramic condenser using the same	428/209	428/469; 428/689; 428/697	Choi, Chang Hak et al.
US 20030223249 A1	20031204	Liquid crystal display device having a noise shielding member	362/561	349/64; 362/19; 362/558	Lee, Tae-Jin et al.
US 20030221245 A1	20031204	Protective headgear for whitewater use	2/412	2/421; 2/425	Lee, Chang et al.
US 20030220083 A1	20031127	High frequency composite component	455/130	455/154.1	Lee, Chang Yong et al.
US 20030218219	20031127	MOS transistor and method for fabricating the same	257/408	257/E21.633; 257/E21.644;	Sohn, Yong-Sun et al.

A1				257/E27.063; 257/E29.063; 257/E29.266	
US 20030217055 A1	20031120	Efficient incremental method for data mining of a database	707/6		Lee, Chang-Huang et al.
US 20030215992 A1	20031120	METHOD FOR FORMING TRANSISTOR OF SEMICONDUCTOR DEVICE	438/199	257/E21.193; 257/E21.426; 257/E21.633; 257/E29.055; 257/E29.11; 438/287; 438/289; 438/769	Sohn, Yong Sun et al.
US 20030214478 A1	20031120	Backlight assembly having external electrode fluorescent lamp, method of driving thereof and liquid crystal display having the same	345/102		Yoo, Hyeong-Suk et al.
US 20030211692 A1	20031113	Method of fabricating trap type nonvolatile memory device	438/258	257/E21.645; 257/E21.679; 257/E21.689; 257/E27.081	Lee, Chang-Hyun
US 20030210573 A1	20031113	Electrically erasable charge trap nonvolatile memory cells having erase threshold voltage that is higher than an initial threshold voltage, and methods of erasing and designing same	365/185.29		Lee, Chang-Hyun
US 20030207798 A1	20031106	Use of 3-position cyclosporin derivatives for hair growth	514/9	424/70.14; 514/11	Kim, Sang-Nyun et al.
US 20030206740 A1	20031106	Wavelength-tunable light source and wavelength-division multiplexed transmission system using the source	398/79	398/34	Lee, Chang Hee et al.
US 20030203213 A1	20031030	Floor-covering material using phenol composite resin	428/422.8	428/506	Woo, Je-Suk et al.
US 20030202466 A1	20031030	Photoelectric cross-connect system	370/228	370/400	Choi, Jeong-Seok et al.
US	20031023	Co-extruded taper shaft	604/264	264/173.16;	Tiernan,

20030199836 A1				264/209.4; 264/209.5	Stephen J. et al.
US 20030199576 A1	20031023	Stabilized pure vitamin C in powder-to-liquid form using multi-encapsulation method	514/474	424/450	Lee, Chang Eon et al.
US 20030198830 A1	20031023	Organic electroluminescent devices having encapsulation thin film formed by wet processing and methods for manufacturing the same	428/690	257/100; 313/504; 313/512; 427/487; 427/66; 428/500; 428/68; 428/917	Kim, Gi-Heon et al.
US 20030198104 A1	20031023	Nonvolatile memory devices and methods of fabricating the same	365/200	257/E21.682; 257/E27.103; 257/E29.165; 257/E29.309	Lee, Chang-Hyun
US 20030197824 A1	20031023	Liquid crystal display	349/139		Shim, Jung-Uk et al.
US 20030194311 A1	20031016	Cross flow fan and air conditioner fitted with the same	415/53.1		Ahn, Cheol O. et al.
US 20030192337 A1	20031016	Cross flow fan and air conditioner fitted with the same	62/426	416/178	Ahn, Cheol O. et al.
US 20030190800 A1	20031009	Method of fabricating semiconductor device having metal conducting layer	438/637	257/E21.198; 257/E29.157	Lee, Chang-Won et al.
US 20030186857 A1	20031002	Use of 3-position cyclosporin derivatives for hair growth	514/11	424/70.14	Kim, Sang-Nyun et al.
US 20030185886 A1	20031002	Process for the preparation of rapidly disintegrating tablet	424/465	264/109	Lee, Chang-Hyun et al.
US 20030180488 A1	20030925	Catheter balloon formed of ePTFE and a diene polymer	428/35.2	264/248; 264/255; 264/571; 428/36.5	Lim, Florencia et al.
US 20030179808 A1	20030925	Non-invasive apparatus for measuring a temperature of a living body and method therefor	374/122		Kim, Tae-woo et al.
US 20030175530	20030918	Anodic bonding structure, fabricating method thereof,	428/432	156/272.2; 428/446;	Ko, Young-chul et al.



A1		and method of manufacturing optical scanner using the same		428/448; 428/630	
US 20030173884 A1	20030918	Electron amplifier utilizing carbon nanotubes and method of manufacturing the same	313/103R		Heo, Jung-na et al.
US 20030171799 A1	20030911	Stent deploying catheter system and balloon catheter	623/1.11		Lee, Jeong S. et al.
US 20030169115 A1	20030911	Transconductor tuning circuit	330/305		Lee, Jeong-Won et al.
US 20030169080 A1	20030911	Transconductor having structure of crossing pairs	327/103		Lee, Jeong-Won et al.
US 20030169039 A1	20030911	Weak-magnetic field sensor using printed circuit board manufacturing technique and method of manufacturing the same	324/260	216/22; 324/249; 324/252; 428/842	Kang, Myung-Sam et al.
US 20030169038 A1	20030911	Weak-magnetic field sensor using printed circuit board manufacturing technique and method of manufacturing the same	324/253		Kang, Myung-Sam et al.
US 20030169037 A1	20030911	Weak-magnetic field sensor using printed circuit board manufacturing technique and method of manufacturing the same	324/253		Kang, Myung-Sam et al.
US 20030167052 A1	20030904	Catheter assemblies with flexible radiopaque marker	604/529	600/424; 604/103.1	Lee, Jeong S. et al.
US 20030166922 A1	20030904	Novel cephalosporin compounds and process for preparing the same	540/226		Cho, Yang-Rae et al.
US 20030165714 A1	20030904	Red organic electroluminescent compounds, method for synthesizing the same and electroluminescent devices	428/690	252/301.16; 257/E51.047; 257/E51.048; 313/504; 428/917; 549/426	Lee, Jeong-ik et al.
US 20030162763 A1	20030828	Novel cephalosporin compounds and process for preparing the same	514/204	514/205; 540/226; 540/227	Lee, Chang-Seok et al.

US 20030162762 A1	20030828	Novel cephalosporin compounds and process for preparing the same	514/202	540/222; 540/225	Lee, Chang-Seok et al.
US 20030159713 A1	20030828	Method and apparatus for cleaning and drying semiconductor wafer	134/2	134/110; 134/198; 134/32; 134/95.2	Park, Jin-Koo et al.
US 20030151084 A1	20030814	Cells of nonvolatile memory devices with floating gates and methods for fabricating the same	257/315	257/E21.682; 257/E27.103	Lee, Chang-Hyun et al.
US 20030142978 A1	20030731	Method for decreasing and compensating the transmission loss at a wavelength-division-multiplexed passive optical network and an apparatus therefor	398/34	398/25	Lee, Chang Hee et al.
US 20030141179 A1	20030731	Method for manufacturing carbon nanotubes	204/157.41	204/173	Yu, Se-Gi et al.
US 20030139762 A1	20030724	Angioplasty balloon with thin-walled taper and method of making the same	606/194	156/244.14	Lee, Jeong S.
US 20030134968 A1	20030717	Crosslinking agent and crosslinkable solid polymer electrolyte using the same	524/588		Kang, Yongku et al.
US 20030133055 A1	20030717	Liquid crystal display and thin film transistor array panel	349/43		Um, Yoon-Sung et al.
US 20030127960 A1	20030710	Field emitter device comprising carbon nanotube having protective membrane	313/309		Jeong, Tae-Won et al.
US 20030127282 A1	20030710	Suction muffler in reciprocating compressor	181/262		Lee, In Won et al.
US 20030124984 A1	20030703	Triplexer and multilayered structure thereof	455/78	455/280	Shin, Yu Seon et al.
US 20030124087 A1	20030703	Anti-adhesion barrier	424/78.18	424/718; 424/85.2; 514/171; 514/355; 514/54; 514/56; 514/565;	Kim, Dae Sik et al.

				514/57; 514/59	
US 20030124008 A1	20030703	Exhaust valve	417/505		Lee, In Won et al.
US 20030119309 A1	20030626	METHOD FOR FORMING A SILICIDE LAYER OF SEMICONDUCTOR DEVICE	438/649	257/E21.165	Ryoo, Chang Woo et al.
US 20030118836 A1	20030626	Fluoropolymer laminates and a process for manufacture thereof	428/421		Lee, Jeong Chang et al.
US 20030110131 A1	20030612	Method and architecture for providing pervasive security to digital assets	705/51		Alain, Rossmann et al.
US 20030105427 A1	20030605	Catheter shaft junction having a polymeric reinforcing member with a high glass transition temperature	604/103.04	264/248; 604/524	Lee, Jeong S. et al.
US 20030100916 A1	20030529	Angioplasty catheter system with adjustable balloon length	606/194		Lee, Jeong S. et al.
US 20030098810 A1	20030529	System for determining precise orbit of satellite and method thereof	342/357.06	244/158.6; 701/226	Lee, Jeong- Sook et al.
US 20030095660 A1	20030522	System and method for protecting digital works on a communication network	380/231	705/51	Lee, Chang Young et al.
US 20030095072 A1	20030522	Antenna electrode for inductively coupled plasma generation apparatus	343/720		Kwon, Gi- Chung et al.
US 20030092055 A1	20030515	Electrochemiluminescence detection method for nucleic acid using intercalator	435/6	530/350; 536/23.1; 546/2	Yun, Kyu- Sik et al.
US 20030087127 A1	20030508	Compounds capable of transporting/injecting hole and organic electroluminescent device having self-assembled monolayer comprising the same	428/690	313/504; 313/506; 428/917; 556/400; 556/413; 556/465	Lee, Jeong Ik et al.
US 20030086042 A1	20030508	Liquid crystal display	349/123		Lee, Chang- Hun et al.
US	20030501	Method of sterilizing a	604/104		Lee, Jeong

20030083616 A1		medical device			S. et al.
US 20030081460 A1	20030501	Operating a non-volatile memory device	365/185.29		Choi, Jung-Dal et al.
US 20030081069 A1	20030501	Monolithic ink-jet printhead and method for manufacturing the same	347/56	347/59	Kim, Hyeon-Cheol et al.
US 20030080914 A1	20030501	Antenna apparatus	343/786	343/772	Eom, Sang-jin et al.
US 20030078889 A1	20030424	Method of preventing reduction of sales amount of records due to a digital music file illegally distributed through communication network	705/51	380/234	Lee, Cheol-Woong et al.
US 20030078888 A1	20030424	System and method of sharing digital literary works while protecting against illegal reproduction through communication network	705/51	380/231	Lee, Cheol-Woong et al.
US 20030078443 A1	20030424	Polyalkylene oxide porogens having hyper-branches and low dielectric-constant insulators using them	549/497	552/115; 556/464; 568/325; 568/662	Lee, Changjin et al.
US 20030072076 A1	20030417	Semiconductor optical amplifier module with monitoring device	359/344		Yoon, Young-Kwon et al.
US 20030070914 A1	20030417	Method for manufacturing half-metallic magnetic oxide and plasma sputtering apparatus used in the same	204/192.2	204/298.06; 204/298.08; 204/298.19	Hong, Jin Pyo et al.
US 20030067643 A1	20030410	Bidirectional wavelength division multiplexed self-healing ring network composed of add fiber and drop fiber	398/42		Lee, Chang Hee et al.
US 20030062652 A1	20030403	Reproduction of micromold inserts	264/227		Lee, Jeong-Bong et al.
US 20030060757 A1	20030327	Polymer jacket with adhesive inner layer	604/103.09	264/345; 600/434; 600/585	Wantink, Kenneth L. et al.

US 20030060152 A1	20030327	ABRASIVE WHEEL	451/548		Lee, Chang Hyun
US 20030055449 A1	20030320	MRI visible catheter balloon	606/194		Lee, Jeong S. et al.
US 20030055448 A1	20030320	Catheter with a polyimide distal tip	606/192		Lee, Jeong S. et al.
US 20030055447 A1	20030320	Catheter with a multilayered shaft section having a polyimide layer	606/191		Lee, Jeong S. et al.
US 20030053201 A1	20030320	Low noise optical amplifier and optical communication system using the same	359/349		Kweon, Gyeong-II et al.
US 20030048598 A1	20030313	Portable electronic device having LCD and touch screen	361/681	349/58; 361/683	Lee, Chang- Il et al.
US 20030048075 A1	20030313	Photocathode having ultra- thin protective layer	313/542		Lim, Keong- Su et al.
US 20030047755 A1	20030313	Floating trap non-volatile semiconductor memory devices including high dielectric constant blocking insulating layers and methods	257/200	257/E21.208; 257/E21.21; 257/E21.423; 257/E21.436; 257/E21.663; 257/E21.679; 257/E27.103; 257/E27.104; 257/E29.164; 257/E29.165; 257/E29.272; 257/E29.309	Lee, Chang- Hyun et al.
US 20030044688 A1	20030306	Polyalkylene oxide polymer composition for solid polymer electrolytes	429/317	429/309; 429/314; 429/316	Kang, Yongku et al.
US 20030044642 A1	20030306	Bisphenylene- spirobifluorene compounds, method for synthesizing the same, and electroluminescence material and device having the same	428/690	252/301.16; 257/E51.032; 257/E51.036; 313/504; 428/917; 585/407	Lee, Hyoyoung et al.
US 20030044641 A1	20030306	Spirobifluorene compounds, electroluminescence polymer and	428/690	252/301.16; 252/301.35; 257/E51.032;	Lee, Jeong Ik et al.

		electroluminescence element having the same		313/504; 428/917; 526/293; 526/296	
US 20030043325 A1	20030306	Liquid crystal display with a wide viewing angle using a compensation film	349/117		Lyu, Jae-Jin et al.
US 20030041804 A1	20030306	HDP-CVD apparatus	118/723I	118/715	Shim, Kyung-Sik et al.
US 20030040137 A1	20030227	ORGANIC ELECTROLUMINESCENT DEVICE HAVING ORGANIC FIELD EFFECT TRANSISTOR AND ORGANIC LIGHT-EMITTING DIODE AND METHOD FOR FABRICATING THE SAME	438/99	438/21; 438/30	Kim, Seong-hyun et al.
US 20030037903 A1	20030227	Apparatus and method for producing metal fiber	164/463	164/423	Park, Yang-Za
US 20030032242 A1	20030213	Method of forming non-volatile memory having floating trap type device	438/257	257/E21.21; 257/E21.423; 257/E29.309	Lee, Chang-Hyun et al.
US 20030030700 A1	20030213	Bubble-jet type ink-jet printhead and manufacturing method thereof	347/56		Lee, Chang-seung et al.
US 20030030100 A1	20030213	Non-volatile memory device and method for fabricating the same	257/315	257/E21.21; 257/E29.165; 257/E29.309	Lee, Chang-Hyun et al.
US 20030030097 A1	20030213	Non-volatile memory device having floating trap type memory cell and method of forming the same	257/314	257/E21.689; 257/E27.081; 257/E29.165; 257/E29.309	Lee, Chang-Hyun et al.
US 20030025164 A1	20030206	Semiconductor device and fabrication method thereof	257/365	257/500; 257/501; 257/510; 257/E21.544; 257/E21.545; 257/E27.062; 257/E29.015	Lee, Chang Soo
US 20030023797 A1	20030130	Method for providing master-slave heat-swapping apparatus and mechanism	710/110		Chien, Horng-Ming et al.

		on a mono-ATA bus			
US 20030020507 A1	20030130	Apparatus for testing reliability of interconnection in integrated circuit	324/763		Song, Won-Sang et al.
US 20030020497 A1	20030130	Apparatus for testing reliability of interconnection in integrated circuit	324/719		Song, Won-Sang et al.
US 20030017671 A1	20030123	Non-volatile memory device and method for fabricating the same	438/257	257/E21.679; 257/E27.103	Lee, Chang-Hyun et al.
US 20030016423 A1	20030123	Bit rate-independent optical receiver	398/202		Cho, Kyu-Hyoung et al.
US 20030016204 A1	20030123	Portable computer system and controlling method thereof	345/102		Lee, Chang-Hum
US 20030015966 A1	20030123	Light source device of a liquid crystal display	315/169.3		Youn, Sang-Hyuck et al.
US 20030010744 A1	20030116	Plastic massage bottle	215/382	220/669	Ma, Ki Hyung et al.
US 20030010593 A1	20030116	Return apparatus for a clutch piston of an automatic transmission	192/70.27	192/101; 192/104F; 192/106R	Lee, Chang-Wook
US 20030004257 A1	20030102	Conductive melt-processible fluoropolymer	524/495		Kondo, Shosaku et al.
US 20030001487 A1	20030102	Conductive material for use in interior coating of cathode ray tube	313/479		Lee, Chang-Hun
US 20030001196 A1	20030102	Non-volatile memory device and method of fabricating the same	257/315	257/314; 257/321; 257/E21.679; 257/E27.081; 438/201; 438/263; 438/264	Choi, Jung-Dal et al.
US 20020197823 A1	20021226	Isolation method for semiconductor device	438/424	257/E21.549	Yoo, Jae-yoon et al.
US 20020181223 A1	20021205	Light guide panel for backlight	362/619	362/26; 362/339; 362/340	Ryu, Su-Sun et al.
US 20020177868	20021128	MEDICAL DEVICE BALLOON	606/194	428/35.4; 604/103.11	LEE, JEONG S. et

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US 20020175621 A1	20021128	Light emitting diode, light emitting device using the same, and fabrication processes therefor	313/515	257/E33.075	Song, Kyung-Sub et al.
US 20020170604 A1	20021121	Valve plate structure	137/514		An, Kwang Hyup et al.
US 20020165683 A1	20021107	Fast fourier transform apparatus	702/77		Lee, Jeong-Sang
US 20020165133 A1	20021107	Use of [gamma-hydroxy-N-methyl-leucine9] cyclosporin a for hair growth	514/9	424/70.14	Kim, Sang-Nyun et al.
US 20020162595 A1	20021107	Check valve	137/843		Lee, Jeong Ho et al.
US 20020160028 A1	20021031	Ferulic ester derivative, 3,9-diferulylcoumestrol and cosmetic product containing same	424/401	549/276	Pyo, Hyeong-Bae et al.
US 20020158548 A1	20021031	Micromirror driver and method of controlling micromirror driver	310/309	359/298	Min, Young-hun et al.
US 20020153104 A1	20021024	Plasma etching chamber and method for manufacturing photomask using the same	156/345.51	156/345.52; 438/689	Lee, Jeong-Yun et al.
US 20020152681 A1	20021024	Compact steam reformer	48/127.9	422/188; 422/190; 422/191; 422/193; 422/198; 422/202; 422/211; 423/650; 423/651; 423/652; 48/197R; 48/198.7; 48/76; 48/DIG.5	Oh, Young-Sam et al.
US 20020149843 A1	20021017	Wide band optical amplifier	359/349		Lee, Chang Hee et al.
US	20021017	Flip chip type	257/737	257/E23.021;	Yoon, Jung-



20020149105 A1		semiconductor device and method of fabricating the same		257/E23.149; 257/E23.151	Lim et al.
US 20020146557 A1	20021010	Medical device chemically modified by plasma polymerization	428/336	428/421; 428/422; 428/473.5	Claude, Charles D. et al.
US 20020145337 A1	20021010	Mode switch assembly of automobile having impact/load absorbing apparatus	307/10.1		Lee, Jeong- Yeop et al.
US 20020142745 A1	20021003	AUTOMATIC GAIN CONTROL METHOD FOR HIGHLY INTEGRATED COMMUNICATION RECEIVER	455/232.1	455/234.1; 455/245.1	Kang, Suwon et al.
US 20020141173 A1	20021003	Light source device, backlight assembly and liquid crystal display device having the same	362/26	362/629	Lee, Ik-Soo et al.
US 20020136342 A1	20020926	Sample and hold type fractional-N frequency synthesizer	375/376	327/156; 375/374; 375/375	Lee, Jeongwoo et al.
US 20020136341 A1	20020926	Fractional-N frequency synthesizer with fractional compensation method	375/376		Huh, Hyunki et al.
US 20020135071 A1	20020926	Integrated circuit device contact plugs having a liner layer that exerts compressive stress thereon and methods of manufacturing same	257/767	257/E23.019	Kang, Sang- Bom et al.
US 20020132906 A1	20020919	Conductive melt-processible fluoropolymer	524/496		Kondo, Shosaku et al.
US 20020130885 A1	20020919	Color conversion method of light emitting pointer for vehicle dashboard, color conversion device therefor and light emitting pointer device using the same	345/600		Lee, Chang- heon
US 20020125879 A1	20020912	Parallel test board used in testing semiconductor memory devices	324/158.1		Lee, Man- Heung et al.
US 20020118446 A1	20020829	Bi-directional optical-amplifier module	359/341.2		Lee, Chang- Hee et al.

US 20020115399 A1	20020822	Diamond saw blade equipped with undercut preventing tip	451/547		Lee, Chang Hyun et al.
US 20020115398 A1	20020822	Grinding wheel with segments for preventing one-sided wear	451/461	451/548	Lee, Chang Hyun et al.
US 20020114151 A1	20020822	Backlight assembly and liquid crystal display having the same	362/627		Lee, Jeong-Hwan
US 20020114094 A1	20020822	Apparatus and method for detecting an abnormality in a recorded signal	360/53	360/64	Lee, Chang-Hyeon
US 20020113575 A1	20020822	DEVICE AND METHOD FOR DISPLAYING CHARGE CAPACITY INFORMATION OF SMART BATTERY	320/132		Lee, Chang-Hum
US 20020112895 A1	20020822	Core Drill	175/403		Hong, Jae Hyun et al.
US 20020112589 A1	20020822	Saw blade shank	83/835	83/665	Lee, Chang Hyun et al.
US 20020111433 A1	20020815	Melt processible fluoropolymer composition	525/200	525/199	Lee, Jeong Chang et al.
US 20020106682 A1	20020808	Method and device for detecting DNA	435/6	435/287.2	Lee, Jeong Gun et al.
US 20020094679 A1	20020718	Alignment mark and exposure alignment system and method using the same	438/666	257/E23.179	Song, Won et al.
US 20020093490 A1	20020718	Remote control device with display and ball switch	345/169		Lee, Chang Ryul
US 20020093024 A1	20020718	Micro-lens built-in vertical cavity surface emitting laser	257/98		Lee, Jeong-kwan et al.
US 20020092471 A1	20020718	Semiconductor deposition apparatus and shower head	118/715	118/722; 156/345.33	Kang, Sang-Bom et al.
US 20020087165 A1	20020704	STENT DEPLOYING CATHETER SYSTEM AND BALLOON CATHETER	606/108		LEE, JEONG S. et al.
US	20020704	Hydraulic control system for	475/144		Park, Jong-

20020086762 A1		automatic transmission			Sool et al.
US 20020086758 A1	20020704	Hydraulic control system for automatic transmission	475/116		Park, Jong-Sool et al.
US 20020086757 A1	20020704	Shift manipulating apparatus of automatic transmission	475/78	74/473.23	Lee, Chang-Wook
US 20020086756 A1	20020704	Hydraulic control system for automatic transmission	475/73	475/78	Park, Jong-Sool et al.
US 20020086495 A1	20020704	Method of fabricating a trench isolation structure having sidewall oxide layers with different thicknesses	438/423	257/E21.548; 257/E21.551; 438/424	Yoo, Jae-yoon et al.
US 20020086181 A1	20020704	Organic electroluminescent device and preparation thereof	428/690	313/504; 313/506; 428/704; 428/917	Lee-Mi, Do et al.
US 20020084166 A1	20020704	Dual synchronization system of manual transmission	192/53.343	192/53.341	Lee, Jeong-Ki
US 20020083986 A1	20020704	Manual valve of a hydraulic pressure control system for an automatic transmission of a vehicle	137/625.69		Park, Jong-Sool et al.
US 20020082999 A1	20020627	Method of preventing reduction of sales amount of records due to digital music file illegally distributed through communication network	705/51		Lee, Cheol-Woong et al.
US 20020082131 A1	20020627	Line pressure regulating system for an automatic transmission	475/127	475/159	Park, Jong-Sool et al.
US 20020080717 A1	20020627	Fast fourier transforming apparatus and method thereof for compensating for OFDM output bit signal	370/210	370/480	Lee, Jeong-Sang
US 20020078522 A1	20020627	Active wiper system for an automobile	15/250.19	15/250.202; 15/250.21; 15/250.3	Lee, Jeong-Hoon
US 20020075435 A1	20020620	Liquid crystal display and a method for fabricating the same	349/129		Lee, Jeong-Ho et al.
US	20020620	Method for treating high-	210/605		Park, Wan

20020074287 A1		concentrated organic wastewater using bio-maker			Cheol et al.
US 20020071173 A1	20020613	Dynamically tunable optical amplifier and fiber optic light source	359/337.1		Lee, Chang-Hee et al.
US 20020066652 A1	20020606	Multi-directional ball switch and operation method thereof	200/5R		Lee, Chang Ryul
US 20020058374 A1	20020516	Method of forming dual-metal gates in semiconductor device	438/228	257/E21.637; 438/585; 438/926	Kim, Tae-Kyun et al.
US 20020057247 A1	20020516	LCD for speeding initial bend state, driver and method thereof	345/88		Lee, Chang Hun et al.
US 20020053812 A1	20020509	IMPACT BEAM FOR CAR DOORS	296/146.6		Lee, Dae Gil et al.
US 20020045719 A1	20020418	Dual purpose electroactive copolymers	526/171	257/E51.036; 428/690; 526/204; 526/217; 526/260; 526/261; 526/270; 526/287; 526/293; 526/310; 526/347; 526/347.1	Hawker, Craig Jon et al.
US 20020043675 A1	20020418	Memory device incorporating therein a HfO2 layer as a barrier layer	257/295	257/296; 257/E21.009; 257/E21.664; 257/E27.104	Lee, Chang-Koo et al.
US 20020039212 A1	20020404	Bidirectional add/drop multiplexer and bidirectional add/ drop amplifier module for band-split bidirectional networks	398/84	398/67; 398/85; 398/97	Lee, Chang Hee et al.
US 20020038908 A1	20020404	Thermal enhanced ball grid array package	257/720	174/252; 257/707; 257/712; 257/E23.092; 257/E23.105; 361/719	Ding, Yi-Chuan et al.
US 20020037341	20020328	Food containing active strains for inhibiting	426/34		Heo, Cheol Seong et al.

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US 20020036337 A1	20020328	Semiconductor device and fabricating method therefor	257/613	257/E21.508; 257/E23.021	Yi, Sang-Don et al.
US 20020034676 A1	20020321	Method of fabricating catalyzed porous carbon electrode for fuel cell	429/44	205/159; 205/224; 502/101	Kim, Dong-II et al.
US 20020028039 A1	20020307	4-port wavelength selective router	385/24	385/15; 398/65; 398/74; 398/83	Lee, Chang Hee et al.
US 20020027472 A1	20020307	Multi-stage bidirectional optical amplifier	330/4.5		Lee, Chang Hee et al.
US 20020025874 A1	20020228	Hydraulic control system for automatic transmission	475/118	475/120; 475/122	Lee, Chang-Wook et al.
US 20020024965 A1	20020228	Apparatus and method for automatic router configuration	370/419	370/282	Lee, Jeong Kwon
US 20020023263 A1	20020221	Advertising system using E-coupon data broadcasting and method therefor	725/32	725/1; 725/131; 725/23	Ahn, Jun-Ho et al.
US 20020019671 A1	20020214	Asynchronous controller generation method	700/4		Lee, Dong I. et al.
US 20020018912 A1	20020214	Organic compound having an acetylene group, vacuum deposition polymerization thereof, deposited polymerized thin film, and electroluminescence device containing same	428/690	257/103; 257/40; 257/E51.028; 257/E51.047; 257/E51.049; 257/E51.051; 313/504; 313/506; 427/384; 427/493; 427/509; 427/510; 427/66; 428/411.1; 428/500; 428/917; 526/285	Jung, Sang H et al.
US	20020214	Polyether block amide	428/36.8	604/96.01	Lee, Jeong

20020018866 A1		catheter balloons			S. et al.
US 20020018286 A1	20020214	Method for embodying non-reciprocal optical wavelength filter and the apparatus	359/337.2		Lee, Chang Hee et al.
US 20020018113 A1	20020214	SCANNING UNIT OF LASER PRINTER AND MAGNETIC BEARING APPARATUS THEREIN	347/261		KOH, BYEONG-CHEON et al.
US 20020013143 A1	20020131	Data reproducing method and apparatus for mobile phone	455/412.2	455/557	Lee, Chang Kwon et al.
US 20020012095 A1	20020131	LIQUID CRYSTAL DISPLAY HAVING HIGH CONTRAST RATIO	349/155		LEE, CHANG-HOON et al.
US 20020008738 A1	20020124	Bubble-jet type ink-jet printhead and manufacturing method thereof	347/62	347/65	Lee, Chang-seung et al.
US 20020001617 A1	20020103	Rapidly disintegrating tablet and process for the manufacture thereof	424/465		Lee, Chang-Hyun et al.
US 20010056005 A1	20011227	Manual valve of hydraulic pressure control system for automatic transmission	475/131	475/134	Kim, Tae-Kyun et al.
US 20010056004 A1	20011227	Line pressure control system of automatic transmission	475/127		Kim, Tae-Kyun et al.
US 20010054090 A1	20011220	Information extraction agent system for preventing copyright infringements and method for providing information thereof	709/219	709/202; 709/218	Jung, Suk Tae et al.
US 20010053728 A1	20011220	Hydraulic control system for automotive automatic transmission	475/119	475/120; 475/123	Kim, Tae-Kyun et al.
US 20010050744 A1	20011213	Liquid crystal display	349/139		Song, Jang-Kun et al.
US 20010050736 A1	20011213	Method for illuminating liquid crystal display device, a back-light assembly for performing the same, and a liquid crystal display device using the same	349/65		Lee, Jeong-Hwan et al.
US	20011129	STENT DEPLOYING	606/108		LEE,

20010047176 A1		CATHETER SYSTEM			JEONG S. et al.
US 20010046972 A1	20011129	Novel immuno-stimulating polysaccharide substance from phellinus spp. strain and use thereof	514/54	435/101; 536/123; 800/297	Yoo, Ick-Dong et al.
US 20010040292 A1	20011115	Semiconductor device having a contact plug formed by a dual epitaxial layer and method for fabricating the same	257/750	257/E21.166; 257/E21.43; 257/E21.619; 257/E29.267; 438/300; 438/607	Hahn, Seung-Ho et al.
US 20010038472 A1	20011108	Automatic retrieval of wavelength-division multiplexed ring networks	398/7	398/3	Lee, Chang Hee et al.
US 20010037478 A1	20011101	Repair circuit using antifuse	714/710		Kim, Phil-Jung et al.
US 20010035585 A1	20011101	Semiconductor device having stress reducing laminate and method for manufacturing the same	257/758	257/E23.152	Ahn, Jong-Hyon et al.
US 20010030928 A1	20011018	Optical head for near-field recording and reproduction, and method of manufacturing the same	369/112.08	369/112.1; 369/121	Cheong, Young-min et al.
US 20010030570 A1	20011018	Antifuse circuit being programmable by using no connection pin	327/525		Kim, Phil-Jung et al.
US 20010030334 A1	20011018	Wiring for semiconductor device and method for forming the same	257/288	257/E23.019	Lee, Chang Jae
US 20010029092 A1	20011011	Method for forming aluminum oxide as a gate dielectric	438/585	257/E21.193; 257/E21.194; 257/E21.248; 257/E29.162; 438/592	Park, Dae-Gyu et al.
US 20010028757 A1	20011011	Bidirectional add/drop multiplexer and bidirectional add/drop amplifier module for wavelength interleaved bidirectional networks	385/24	385/15	Lee, Chang Hee et al.
US 20010026341 A1	20011004	Liquid crystal display	349/123		Lee, Chang-Hun et al.

US 20010024860 A1	20010927	Method for manufacturing a gate structure incorporating therein aluminum oxide as a gate dielectric	438/287	257/E21.193; 257/E21.247; 257/E21.28; 257/E29.162; 438/585; 438/592	Park, Dae-Gyu et al.
US 20010024738 A1	20010927	Opto-electronic devices fabricated with dual purpose electroactive copolymers	428/690	257/E51.036; 313/504; 428/691; 428/917	Hawker, Craig Jon et al.
US 20010023690 A1	20010927	Saw blade for cutting steel-reinforced structure	125/13.01	30/347; 83/835	Lee, Chang Hyun et al.
US 20010022746 A1	20010920	Memory repair circuit using antifuse of MOS structure	365/200	365/225.7; 365/226	Kim, Phil-Jung et al.
US 20010019386 A1	20010906	Liquid crystal display	349/123		Lee, Chang-Hun et al.
US 20010018493 A1	20010830	Melt processible fluoropolymer composition	525/200	525/199	Lee, Jeong C. et al.
US 20010017546 A1	20010830	Antifuse repair circuit	324/550		Oh, Jin Keun et al.
US 20010017391 A1	20010830	Method of fabricating semiconductor device	257/369	257/371; 257/372; 257/382; 257/383; 257/E21.637; 257/E21.641; 257/E23.168	Lee, Chang-Jae et al.
US 20010015465 A1	20010823	Method for forming a transistor for a semiconductor device	257/394	257/E21.426; 257/E21.546; 257/E21.561; 257/E21.618; 257/E21.628; 438/284	Lee, Jeong Kug et al.
US 20010008388 A1	20010719	Dielectric filter having notch pattern	333/202	333/206	Jun, Dong-Suk et al.
US 20010006727 A1	20010705	Melt processible fluoropolymer composites	428/373	252/299.01; 428/421; 523/200; 523/206; 525/426;	Lee, Jeong C. et al.



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US 20010004290 A1	20010621	Low-cost WDM source with an incoherent light injected fabry-perot laser diode	398/79	398/168	Lee, Chang Hee et al.
US 20010003657 A1	20010614	Method for manufacturing a thin-film transistor	438/144	257/E21.413; 257/E21.703; 257/E27.111; 257/E29.278; 438/143	Lee, Jeong- No
US 7037768 B2	20060502	Methods of etching intermediate silicon germanium layers using ion implantation to promote selectivity	438/149	438/207; 438/423; 438/444	Yun; Eun- jung et al.
US 7037295 B2	20060502	Co-extruded taper shaft	604/264	428/35.7; 428/36.91; 604/525; 606/194	Tiernan; Stephen J. et al.
US 7037291 B2	20060502	Catheter shaft junction having a polymeric reinforcing member with a high glass transition temperature	604/103.04		Lee; Jeong S. et al.
US 7033503 B2	20060425	Municipal wastewater treatment apparatus and process with a continuous feed and cyclic aeration	210/609	210/195.1; 210/259; 210/622; 210/623; 210/630; 210/903; 210/906	Park; Wan Cheol et al.
US 7031088 B2	20060418	Apparatus and method for detecting an abnormality in a recorded signal	360/53	360/31; 360/64; 360/69; 360/71; 360/75; 360/84	Lee; Chang- Hyeon
US 7030546 B2	20060418	Liquid crystal display device having an electromagnetic-wave shielding member	313/402	313/408; 315/85; 362/246; 362/248	Han; Byung- Woong et al.
US 7029593 B2	20060418	Method for controlling CD during an etch process	216/59	216/67; 430/313; 438/5; 438/714; 438/8; 438/9	Kim; Myeong- Cheol et al.

US 7026688 B2	20060411	Field effect transistors having multiple stacked channels	257/331	257/332; 257/401	Kim; Sung-Min et al.
US 7026240 B2	20060411	Method of fabricating a semiconductor device having a photo-sensitive polyimide layer and a device fabricated in accordance with the method	438/637	438/584; 438/597; 438/618; 438/622	Kim; Jae-Hyun et al.
US 7025652 B2	20060411	Electron amplifier utilizing carbon nanotubes and method of manufacturing the same	445/51	250/207; 313/103CM; 313/103R; 445/47; 445/50	Heo; Jung-na et al.
US 7025651 B2	20060411	Light emitting diode, light emitting device using the same, and fabrication processes therefor	445/50	438/20	Song; Kyung-Sub et al.
US 7023016 B2	20060404	Thin film transistor array panel and manufacturing method thereof	257/59	438/149	Lee; Jeong-Young et al.
US 7022540 B2	20060404	Cantilever sensor and fabrication method thereof	438/50	438/459; 438/52	Kim; Tae Song et al.
US 7019806 B2	20060328	Liquid crystal display and thin film transistor array panel	349/129		Um; Yoon-Sung et al.
US 7019728 B2	20060328	LCD for speeding initial bend state, driver and method thereof	345/98	345/102; 345/95	Lee; Chang Hun et al.
US 7019132 B2	20060328	Porphyrin derivatives	540/145	424/9.362; 424/9.61; 534/15	Woo; Nam-Tae et al.
US 7018689 B2	20060328	Heat-shrinkable polyester film	428/34.9	428/213; 428/215; 428/219; 428/332; 428/334; 428/335; 428/336; 428/339; 428/340; 428/341; 428/480; 428/482; 428/910; 528/302;	Lee; Junggyu et al.

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US 7018017 B2	20060328	Monolithic ink-jet printhead having a heater disposed between dual ink chambers and method for manufacturing the same	347/56	347/47; 347/65	Song; Hoon et al.
US 7015549 B2	20060321	Integrated circuit structures including epitaxial silicon layers that extend from an active region through an insulation layer to a substrate	257/347	257/503; 257/506	Kim; Sung-min et al.
US 7013666 B2	20060321	Multi-air conditioner and operation method thereof	62/324.6	62/223; 62/324.1	Park; Jong Han et al.
US 7012742 B2	20060314	Gain-clamped semiconductor optical amplifier using Raman amplification principle	359/334	359/344	Lee; Jeong-Seok et al.
US 7012449 B2	20060314	Input and output driver	326/82	326/56; 326/57; 326/83	Lee; Chang Yeol et al.
US 7009899 B2	20060307	Bit line precharge signal generator for memory device	365/203	365/191; 365/207; 365/214; 365/230.03; 365/230.06; 365/63	Lee; Chang Hyuk
US 7009207 B2	20060307	Flat panel display with thin film transistor	257/72	257/59; 257/88	Koo; Jae-Bon et al.
US 7009206 B2	20060307	Thin film transistor array panel and liquid crystal display including the panel	257/72	257/225; 257/291; 257/292; 349/129	Lee; Chang-Hun et al.
US 7007500 B2	20060307	Dispenser of refrigerator	62/389	222/146.6; 222/533	Lee; Jeong-Youl
US 7005367 B2	20060228	Method of fabricating a semiconductor device having a silicon oxide layer, a method of fabricating a semiconductor device having dual spacers, a method of forming a silicon oxide layer on a substrate,	438/595	438/761	Ku; Ja-Hum et al.

		and a method of forming dual spacers on a conductive material layer			
US 7005199 B2	20060228	Organic electroluminescent devices having encapsulation thin film formed by wet processing and methods for manufacturing the same	428/690	252/301.33; 313/504; 313/512; 428/402; 428/403; 428/407; 428/500; 428/68; 428/917	Kim; Gi-heon et al.
US 7003265 B2	20060221	System and method for filtering signals in a transceiver	455/73	333/103; 455/78	Jeon; Young-Deuk et al.
US 7002207 B2	20060221	Field effect transistors having multiple stacked channels	257/331	257/332; 257/401	Kim; Sung-Min et al.
US 7001817 B2	20060221	Method for fabricating a semiconductor device	438/299	438/230; 438/303; 438/305	Yeo; Sang-Won et al.
US 7001420 B2	20060221	Coil reinforced multilayered inner tubular member for a balloon catheter	623/1.11	604/103.09; 606/194	Speck; Marc L. et al.
US 6999653 B2	20060214	4-port wavelength selective router	385/24	385/15; 385/31	Lee; Chang Hee et al.
US 6999139 B2	20060214	Method for fabricating transfective color LCD device and the transfective color LCD device	349/106	349/113; 349/114	Kim; Yong-Beom et al.
US 6995424 B2	20060207	Non-volatile memory devices with charge storage insulators	257/324	257/314; 257/315; 257/316; 257/320; 257/321; 257/322; 257/326	Lee; Chang-Hyun
US D513952 S	20060131	Saw blade	D8/70		Lee; Chang Hyun et al.
US 6991986 B2	20060131	Nonvolatile memory devices and methods of fabricating the same	438/261	257/324	Lee; Chang-Hyun
US 6991626 B2	20060131	Polymer jacket with adhesive inner layer	604/524	604/103.09	Wantink; Kenneth L. et al.
US 6987694	20060117	Methods of programming	365/185.17	365/185.18;	Lee; Chang-

B2		non-volatile semiconductor memory devices including coupling voltages and related devices		365/185.23; 365/185.28	Hyun
US 6984461 B2	20060110	Blue electroluminescent polymer and organic-electroluminescent device using the same	428/690	252/301.16; 257/40; 257/E51.032; 257/E51.036; 313/504; 313/506; 428/917; 528/397; 528/403	Son; Jhun-mo et al.
US 6983609 B2	20060110	Heat driven acoustic orifice type pulse tube cryocooler	62/6		Kim; Ig Saeng et al.
US 6982199 B2	20060103	Bitline of semiconductor device having stud type capping layer and method for fabricating the same	438/253	438/241; 438/396	Jeong; Mun-Mo et al.
US 6981776 B2	20060103	Backlight assembly and liquid crystal display having the same	362/627	362/561; 362/600	Lee; Jeong-Hwan
US 6979342 B2	20051227	Catheter with a polyimide distal tip	606/192	604/96.01	Lee; Jeong S. et al.
US 6978705 B1	20051227	Torque wrench	81/467	81/468; 81/478	Lee; Chang Chuan
US 6977731 B1	20051220	Method and apparatus for enhancing the resolving power of a tunable optical filter	356/519		Lee; Chang-Hee et al.
US 6977703 B2	20051220	Liquid crystal display device and method of manufacturing the same	349/118	349/130	Chanag; Hak-Sun et al.
US 6977207 B2	20051220	Method for fabricating dual-gate semiconductor device	438/529	257/E21.637; 257/E21.642; 438/514; 438/527	Lee; Chang Yeol et al.
US 6976780 B2	20051220	Light source device for flat panel device	362/622	362/256; 362/260; 362/293; 362/608; 362/614	Lee; Ik-Soo et al.
US 6975818 B2	20051213	Image formation device using an I.sup.2 C bus and a control method thereof	399/75	399/38; 399/9	Lee; Chang-bok
US 6973796	20051213	Multi-air conditioner and	62/160	62/196.1;	Park; Jong

B2		operation method thereof		62/324.1	Han et al.
US 6972422 B2	20051206	Method for measuring particles in glass substrate	250/559.41	250/559.46; 356/237.3; 356/239.1	Lee; Chang Ha et al.
US 6972024 B1	20051206	Method of treating vulnerable plaque	606/192		Kilpatrick; Deborah L. et al.
US 6971780 B2	20051206	Liquid crystal display device having a noise shielding member	362/561	349/59; 349/64; 362/19; 362/224; 362/330; 362/331	Lee; Tae-Jin et al.
US 6969805 B2	20051129	Structure of audio signal cable	174/110R	174/113R; 174/115	Lee; Chang-Chi et al.
US 6969673 B2	20051129	Semiconductor device with gate space of positive slope and fabrication method thereof	438/595	257/E21.626; 438/978	Lee; Chang-Huhn et al.
US 6968029 B1	20051122	Frequency prescaler	377/47	327/115; 327/117; 327/118; 327/160; 377/48	Lee; Chang-Hyeon et al.
US 6963620 B2	20051108	Communication transmitter using offset phase-locked-loop	375/295	331/18; 332/127; 375/376	Lee; Kang-Yoon et al.
US 6963329 B2	20051108	Portable computer system and controlling method thereof	345/102	349/61	Lee; Chang-Hum
US 6962380 B2	20051108	Rear bumper assembly structure for vehicle	293/155	293/126	Lee; Jeong-Ho
US 6958574 B1	20051025	Image display device	313/479	313/112; 313/478; 313/489	Chung; Chong-In et al.
US 6956536 B2	20051018	Dipole antenna	343/793	343/700MS; 343/795	Lee; Chang-Jung
US 6954090 B2	20051011	Charge pump having reduced switching noise	327/156	327/118	Lee; Chang-Hyeon et al.
US 6953947 B2	20051011	Organic thin film transistor	257/40	257/E51.047	Son; Se-Hwan et al.
US 6953051 B2	20051011	Valve plate structure	137/514	137/855; 417/569; 417/571	An; Kwang Hyup et al.
US 6952922 B2	20051011	Choke valve of clutch release cylinder	60/591	137/513.7; 91/443;	Lee; Jeong-Kyu

				92/163	
US 6952308 B2	20051004	Multi-stage bidirectional optical amplifier	359/341.2		Lee; Chang Hee et al.
US 6952125 B2	20051004	System and method for suppressing noise in a phase-locked loop circuit	327/156	331/25; 377/48	Ahn; Youngho et al.
US 6951785 B2	20051004	Methods of forming field effect transistors including raised source/drain regions	438/197	257/E21.429; 438/151; 438/270; 438/289; 438/297; 438/299; 438/424; 438/425	Oh; Chang-Woo et al.
US 6950941 B1	20050927	Copy protection system for portable storage media	713/193	713/156; 713/173; 713/175; 713/189	Lee; Chang-Hyi et al.
US 6949431 B2	20050927	Method for fabricating cylinder type capacitor	438/253	438/396	Lee; Chang-Goo
US 6947330 B2	20050920	Electrically erasable charge trap nonvolatile memory cells having erase threshold voltage that is higher than an initial threshold voltage	365/185.29	365/185.18; 365/185.21; 365/185.24; 365/185.28	Lee; Chang-Hyun
US 6946630 B2	20050920	Combined toaster and microwave oven and control method thereof	219/680	219/506; 219/685; 219/720; 99/385; 99/451	Lee; Chang Su et al.
US 6946173 B2	20050920	Catheter balloon formed of ePTFE and a diene polymer	428/35.2	428/34.1; 428/35.7; 428/36.5; 428/36.8; 428/36.9; 428/36.91; 604/103.05; 604/103.06; 604/103.08; 604/103.11; 604/103.13; 604/264; 604/523; 604/96.01	Lim; Florencia et al.□
US 6943331 B2	20050913	Microwave oven with saucer holders	219/732	206/217; 219/762;	Lee; Jeong-Hee

				248/309.4	
US 6943007 B2	20050913	Immuno-stimulating polysaccharide substance from <i>Phellinus</i> spp. strain and use thereof	435/254.1	424/93.5; 435/171; 435/72; 435/911	Yoo; Ick-Dong et al.
US 6940573 B2	20050906	Liquid crystal display and thin film transistor array panel	349/129	349/130	Um; Yoon-Sung et al.
US 6940129 B2	20050906	Double gate MOS transistors	257/347	257/365; 257/401; 257/E21.415; 257/E21.703; 257/E27.112; 257/E29.275; 257/E29.278; 257/E29.286	Kim; Sung-Min et al.
US 6939402 B2	20050906	Cement admixture having superior water-reducing properties and method for preparing the same	106/724	106/727; 106/728; 106/823; 524/2	Choi; Byeong-Gil et al.
US 6933063 B2	20050823	Spirobifluorene compounds, electroluminescence polymer and electroluminescence element having the same	428/690	257/40; 257/E51.032; 313/504; 428/917; 528/394; 528/425; 528/8; 568/3; 568/607; 568/626; 570/183	Lee; Jeong Ik et al.
US 6931197 B1	20050816	Frequency modulation (FM) recording apparatus of video tape recorder	386/2	386/26; 386/44	Lee; Chang-rok et al.
US 6928659 B2	20050816	Sweatband for a cap	2/175.1		Lee; Jeong Sik
US 6922613 B2	20050726	Method for operating multi-type air conditioner	700/276	700/277	Park; Jong Han et al.
US 6920073 B2	20050719	Row redundancy circuit and repair method	365/200	365/129	Lee; Chang Hyuk
US 6918920 B1	20050719	Catheter having an improved distal tip	606/194		Wang; Edwin et al.
US 6918264 B2	20050719	Multi-type air conditioner	62/324.1	62/160; 62/197; 62/324.6; 62/513	Park; Jong Han et al.
US 6914147	20050705	Polyalkylene oxide	556/460	556/450	Lee;



B2		porogens having hyper-branches and low dielectric-constant insulators using them			Changjin et al.
US 6912871 B2	20050705	Structure for reducing refrigerant flow loss in compressor	62/498	417/317; 418/216; 418/55.2	Lee; Chang-Soo et al.
US 6911017 B2	20050628	MRI visible catheter balloon	604/96.01	606/194	Lee; Jeong S. et al.
US 6903500 B2	20050607	Field emitter device comprising carbon nanotube having protective membrane	313/309	313/311; 313/336; 313/351; 313/355	Jeong; Tae-won et al.
US 6903406 B2	20050607	Cells of nonvolatile memory device with high inter-layer dielectric constant	257/315	257/296; 257/E21.682; 257/E27.103	Lee; Chang-Hyun et al.
US 6902998 B2	20050607	Methods of manufacturing semiconductor devices having storage nodes	438/616	257/503; 438/201; 438/6; 438/618; 438/621; 438/629; 438/637	Lee; Sang-hyeon et al.
US 6902963 B2	20050607	SRAM cell and method of manufacturing the same	438/153	257/E21.661; 257/E27.099; 438/154; 438/622	Kim; Do Woo et al.
US 6902819 B2	20050607	Biaxially oriented polyester film	428/480	428/910; 528/308; 528/308.1; 528/308.6; 528/308.7	Kim; Sangil et al.
US 6899515 B2	20050531	Cross flow fan and air conditioner fitted with the same	415/53.1	416/184; 416/200R	Ahn; Cheol O et al.
US 6897115 B2	20050524	Method of fabricating non-volatile memory device	438/259	438/257; 438/265; 438/266	Cho; In-Soo et al.
US 6894924 B2	20050517	Operating a non-volatile memory device	365/185.01	365/185.17; 365/185.18; 365/185.29	Choi; Jung-Dal et al.
US 6894830 B2	20050517	Bi-directional optical-amplifier module	359/341.2	359/337.2	Lee; Chang-Hee et al.
US 6894073 B2	20050517	Use of diterpene compound as a therapeutic agent of inflammation, immune	514/453	514/680; 549/386; 568/326	Lee; Jung-Joon et al.

		disease or cancer			
US 6890841 B2	20050510	Methods of forming integrated circuit memory devices that include a plurality of landing pad holes that are arranged in a staggered pattern and integrated circuit memory devices formed thereby	438/487	257/303; 257/306; 257/734; 257/908; 257/E21.011; 257/E21.019; 438/253; 438/254; 438/396; 438/397	Lee; Kyu-hyun et al.
US 6888261 B2	20050503	Alignment mark and exposure alignment system and method using the same	257/797	257/E23.179; 438/975	Song; Won et al.
US 6887655 B2	20050503	Photoresist removing compositions	430/331		Park; Seong Hwan et al.
US 6886919 B2	20050503	Monolithic ink-jet printhead having a tapered nozzle and method for manufacturing the same	347/56	347/63	Lim; Hyung-taek et al.
US 6886429 B1	20050503	Ratchet wrench having a pivotal head	81/177.8	81/177.7; 81/177.9	Lee; Chang-Chuan
US 6883345 B2	20050426	Multi-type air conditioner and method for operating the same	62/324.6	62/511; 62/528	Lee; Chang Seon
US 6881041 B2	20050419	Compressor within motor rotor	417/356	417/410.3; 418/162; 418/177; 418/219	Lee; Chang-Soo
US 6880356 B2	20050419	Simultaneous heating and cooling operation type multi-air conditioner	62/324.6	62/160; 62/324.1	Park; Jong Han et al.
US 6879006 B2	20050412	MOS transistor and method for fabricating the same	257/376	257/349; 257/402; 257/E21.633; 257/E21.644; 257/E27.063; 257/E29.063; 257/E29.266; 438/174; 438/289	Sohn; Yong-Sun et al.
US 6878468 B2	20050412	Compounds capable of transporting/injecting hole and organic electroluminescent device having self-assembled	428/690	252/301.16; 313/504; 313/506; 428/917; 556/400;	Lee; Jeong Ik et al.

		monolayer comprising the same		556/413; 556/420; 556/465	
US 6878329 B2	20050412	Method of making a catheter balloon using a polyimide covered mandrel	264/294	156/189; 156/195; 156/425; 264/285; 264/295; 264/320; 264/339; 425/403	Blankenship; Delma M. et al.
US 6876840 B2	20050405	Triplexer and multilayered structure thereof	455/280	333/132; 333/134; 455/311; 455/323	Shin; Yu Seon et al.
US 6876266 B2	20050405	LC oscillator with wide tuning range and low phase noise	331/117R	331/117FE; 331/167; 331/175; 331/177R; 331/177V; 331/185; 331/36C	Koo; Yido et al.
US 6876001 B2	20050405	Flat panel display with thin film transistor	257/72	257/59; 257/88; 257/E21.703; 257/E27.111; 257/E29.288; 257/E29.299	Koo; Jae-Bon et al.
US 6875666 B2	20050405	Methods of manufacturing transistors and transistors having an anti-punchthrough region	438/302	257/E21.345; 257/E21.618; 257/E21.645; 257/E29.063	Lee; Chang-Sub et al.
US 6874350 B2	20050405	Apparatus and method for testing mechanical endurance of a surface of an optical disc	73/7	73/150R	Seo; Hun et al.
US 6870308 B2	20050322	Electron amplifier utilizing carbon nanotubes and method of manufacturing the same	313/103R	313/104; 313/105R; 330/42	Heo; Jung-na et al.
US 6865020 B2	20050308	Gain-clamped semiconductor optical amplifier	359/344		Kim; Ho-In et al.
US 6863678 B2	20050308	Catheter with a multilayered shaft section having a polyimide layer	606/192	604/103.09; 604/96.01; 606/194	Lee; Jeong S. et al.

US 6863409 B2	20050308	Apparatus for generating parallel beam with high flux	359/853		Cho; Sang Jin et al.
US 6862400 B1	20050301	Apparatus and method for controlling copy of video signal	386/94	360/15	Lee; Chang-rok et al.
US 6862214 B2	20050301	Phase change memory array	365/163	365/100; 365/63	Lee; Keun-ho et al.
US 6862063 B2	20050301	Liquid crystal display	349/130	349/117; 349/141	Shim; Jung-Uk et al.
US 6858906 B2	20050222	Floating trap non-volatile semiconductor memory devices including high dielectric constant blocking insulating layers	257/406	257/316; 257/317; 257/407; 257/E21.208; 257/E21.21; 257/E21.423; 257/E21.436; 257/E21.663; 257/E21.679; 257/E27.103; 257/E27.104; 257/E29.164; 257/E29.165; 257/E29.272; 257/E29.309	Lee; Chang-Hyun et al.
US 6857759 B2	20050222	Backlight assembly and liquid crystal display apparatus	362/225	349/70; 362/219; 362/223; 362/247; 439/235	Lee; Tae-Jin et al.
US 6854133 B2	20050215	Protective headgear for whitewater use	2/421	2/412	Lee; Chang et al.
US 6850748 B2	20050201	RF front end with reduced carrier leakage	455/302	327/117; 455/313; 455/323	Song; Eunseok et al.
US 6847357 B2	20050125	Remote control device having wheel and ball switches for controlling functions of an electronic machine	345/184	345/169	Lee; Chang Ryul
US 6844088 B2	20050118	Bisphenylene-spirobifluorene compounds, method for synthesizing the same, and electroluminescence material and device having the same	428/690	252/301.16; 257/E51.032; 257/E51.036; 313/504; 428/917; 568/632	Lee; Hyoyoung et al.

US 6842333 B2	20050111	Portable electronic device having LCD and touch screen	361/681	312/223.2; 361/683; 361/687; 439/287	Lee; Chang-Il et al.
US 6842028 B2	20050111	Apparatus for testing reliability of interconnection in integrated circuit	324/763	324/537; 324/719	Song; Won-Sang et al.
US 6839499 B1	20050104	Method and apparatus for preserving monitored video signals	386/46	386/81	Lee; Chang-Joo
US 6837066 B2	20050104	Concentrated cooling apparatus of refrigerator	62/408	62/186	Cho; Seong-Ho et al.
US 6835272 B1	20041228	Multicolored steel sheet manufacturing method and a multicolored steel sheet manufacturing system	156/277	101/115; 101/129; 101/171; 101/211; 101/487; 101/490; 156/387	Lee; Chang-Won
US 6833522 B1	20041221	Key switch device and method for manufacturing the same	200/344	200/17R; 200/5A; 400/490	Park; Kyung-Su et al.
US 6832017 B2	20041214	Bidirectional add/drop multiplexer and bidirectional add/drop amplifier module for band-split bidirectional networks	385/24	385/15; 385/31; 398/43	Lee; Chang-Hee et al.
US 6831424 B2	20041214	Light source device of a liquid crystal display	315/248		Youn; Sang-Hyuck et al.
US 6829431 B1	20041207	Device to automatically prepare infant formula	392/441	222/129.1	Haven; Ken et al.
US 6826327 B1	20041130	Tunable narrow band optical filter	385/28	385/29; 385/7	Lee; Chang-Hee et al.
US 6825911 B2	20041130	Array testing system on array substrate having multiple cells	349/192	324/770	Lee; Su-Woong et al.
US 6825905 B2	20041130	Liquid crystal display	349/123	349/130	Lee; Chang-Hun et al.
US 6822021 B1	20041123	Silicone aqueous emulsion release liquid and release film using the same	523/216	428/447; 523/212; 524/403; 524/588	Kim; Sang-Pil et al.
US 6820989 B2	20041123	Light source device, backlight assembly and liquid crystal display device having the same	362/26	349/65; 362/293; 362/608	Lee; Ik-Soo et al.

US D498458 S	20041116	Tire	D12/594		Lee; Chang Ho et al.
US 6818944 B2	20041116	Nonvolatile memory devices and methods of fabricating the same	257/324	257/314; 257/315; 257/637; 257/640; 257/E21.682; 257/E27.103; 257/E29.165; 257/E29.309; 438/201; 438/216; 438/257; 438/261; 438/591; 438/593	Lee; Chang- Hyun
US 6818778 B2	20041116	Process for preparing (-)- (18-crown-6)-2,3,11,12- tetracarboxylic acid, and (-)- chiral stationary phases for resolution of racemic compounds using the same	549/214		Lee; Ho Seong et al.
US 6818510 B2	20041116	Non-volatile memory device and method for fabricating the same	438/265	257/314; 257/E21.679; 257/E27.103	Lee; Chang- Hyun et al.
US 6817210 B1	20041116	Absorptive high temperature desorber having mechanically narrow width of combustion area and absorption chiller-heater using the same	62/497	62/101; 62/476; 62/489	Kim; Ig Saeng et al.
US 6816123 B2	20041109	Contact type antenna apparatus	343/786	343/840	Eom; Sang- jin et al.
US 6816121 B1	20041109	Motorized rotatable wireless antenna	343/702	343/757; 455/575.7	Cheng; Chieh-Yuan et al.
US 6815238 B2	20041109	Method of manufacturing field emission device	438/20	313/309	Lee; Jeong- hee et al.
US 6813107 B1	20041102	Apparatus and method for detecting an optimal writing power	360/39	360/27; 360/71; 360/72.1; 369/47.1; 369/47.53; 369/53.1	Lee; Jeong Yeol
US 6812978 B2	20041102	Method for fabricating transflective color LCD	349/106		Kim; Yong- Beom et al.

		device and the transfective color LCD device with thick and thin regions of color filter layer			
US 6809084 B1	20041026	Compositions containing polysaccharides from phellinus linteus and methods for treating diabetes mellitus using same	514/54	424/725; 514/21; 514/27; 514/8; 514/866	Kim; Hwanmook et al.
US 6806776 B2	20041019	Transconductor tuning circuit	330/305	330/260	Lee; Jeong-won et al.
US 6805976 B2	20041019	Organic electroluminescent device and preparation thereof	428/690	313/504; 428/917	Do; Lee-Mi et al.
US D497143 S	20041012	Tire	D12/532	D12/515	Lee; Chang Ho et al.
US 6802949 B2	20041012	Method for manufacturing half-metallic magnetic oxide and plasma sputtering apparatus used in the same	204/298.16	204/192.12; 204/192.2; 204/192.22; 204/298.06; 204/298.11; 204/298.28	Hong; Jin Pyo et al.
US 6798489 B2	20040928	Method for fabricating a liquid crystal display having a pixel electrode with different surface roughness regions	349/187	349/128	Lee; Jeong-Ho et al.
US 6797559 B2	20040928	Method of fabricating semiconductor device having metal conducting layer	438/239	257/E21.198; 257/E29.157; 438/595; 438/724; 438/757; 438/787; 438/791	Lee; Chang-won et al.
US 6793729 B2	20040921	Conductive material for use in interior coating of cathode ray tube	106/600	106/618; 106/626; 106/634; 106/635; 313/479	Lee; Chang-Hun
US 6790830 B2	20040914	Use of 3-position cyclosporin derivatives for hair growth	514/11	530/321	Kim; Sang-Nyun et al.
US 6790018 B2	20040914	Reciprocating compressor having an exhaust valve controlled by an electromagnet	417/505	251/129.15; 251/65; 417/280	Lee; In Won et al.

US 6788359 B2	20040907	Method for illuminating liquid crystal display device, a back-light assembly for performing the same, and a liquid crystal display device using the same	349/65	369/61; 369/62; 369/63; 369/64; 369/65; 369/69; 369/70	Lee; Jeong-Hwan et al.
US 6786744 B1	20040907	Concentric plug	439/137		Lee; Chang Woo
US 6783897 B2	20040831	Crosslinking agent and crosslinkable solid polymer electrolyte using the same	429/313	522/99; 524/366; 524/401; 524/588; 528/24	Kang; Yongku et al.
US 6781547 B2	20040824	Planar inverted-F Antenna and application system thereof	343/700MS	343/702	Lee; Chang-Jung
US 6781193 B2	20040824	Non-volatile memory device having floating trap type memory cell and method of forming the same	257/326	257/314; 257/324; 257/E21.689; 257/E27.081; 257/E29.165; 257/E29.309	Lee; Chang-Hyun et al.
US 6775058 B2	20040810	Wide band optical amplifier	359/349		Lee; Chang Hee et al.
US 6773159 B2	20040810	Non-invasive apparatus for measuring a temperature of a living body and method therefor	374/122	374/101; 374/43; 374/44; 374/45; 600/407; 600/549	Kim; Tae-woo et al.
US 6772046 B1	20040803	Semiconductor factory automation system and method for monitoring operational failure of stocker	700/214	414/222.01; 414/267; 414/937	Lee; Chang-Jun et al.
US 6770671 B2	20040803	7,8-dihydro-xanthenone-8-carboxylic acid derivative and novel microbe producing the same	514/455	549/391	Lee; Jung Joon et al.
US 6769782 B2	20040803	Backlight assembly and liquid crystal display having the same	362/600	362/561; 362/627	Lee; Jeong-Hwan
US 6768199 B2	20040727	Flip chip type semiconductor device and method of fabricating the	257/758	257/529; 257/737; 257/762;	Yoon; Jung-Lim et al.



		same		257/778; 257/786; 257/E23.021; 257/E23.149; 257/E23.151	
US 6767821 B1	20040727	Method for fabricating an interconnect line	438/619	257/E21.312; 257/E21.314; 257/E21.582; 438/611; 438/666; 438/669; 438/945	Yang; Chan-syun David et al.
US 6767780 B2	20040727	Method for fabricating CMOS transistor	438/217	257/E21.633; 257/E21.644; 257/E27.063; 257/E29.063; 257/E29.266; 438/221; 438/227; 438/229; 438/231; 438/232	Sohn; Yong-Sun et al.
US 6765716 B2	20040720	Low noise optical amplifier and optical communication system using the same	359/349	359/337	Kweon; Gyeong-Il et al.
US 6765711 B2	20040720	Micromirror driver and method of controlling micromirror driver	359/290	310/309; 359/291	Min; Young-hun et al.
US 6762615 B2	20040713	Parallel test board used in testing semiconductor memory devices	324/765	324/158.1; 324/754; 365/201; 438/18	Lee; Man-Heung et al.
US 6762164 B2	20040713	Use of 3-position cyclosporin derivatives for hair growth	514/11	530/321	Kim; Sang-Nyun et al.
US 6761040 B2	20040713	Cross flow fan and air conditioner fitted with the same	62/426	416/203	Ahn; Cheol O et al.
US 6759845 B2	20040706	Weak-magnetic field sensor using printed circuit board manufacturing technique and method of manufacturing the same	324/253	324/260; 336/200	Kang; Myung-Sam et al.
US 6756270 B2	20040629	Semiconductor device and fabrication method thereof	438/258	257/E21.544; 257/E21.545; 257/E27.062;	Lee; Chang Soo

				257/E29.015; 438/266; 438/294; 438/545	
US 6755031 B2	20040629	Infrared sensor assembly and refrigerator having the infrared sensor	62/126	250/338.1; 374/122; 374/132; 62/228.1	Cho; Seong- Ho et al.
US 6753682 B2	20040622	Weak-magnetic field sensor using printed circuit board manufacturing technique and method of manufacturing the same	324/253	324/260; 336/200	Kang; Myung-Sam et al.
US 6753572 B2	20040622	Floating trap-type non- volatile memory device	257/324	257/E21.21; 257/E29.165; 257/E29.309	Lee; Chang- Hyun et al.
US 6749762 B2	20040615	Bubble-jet type ink-jet printhead and manufacturing method thereof	216/27	216/46; 216/67; 216/79; 216/99; 438/21	Lee; Chang- seung et al.
US 6747828 B2	20040608	Apparatus and method for detecting an abnormality in a recorded signal	360/53	360/31; 360/64; 360/69; 360/71; 360/75; 360/84	Lee; Chang- Hyeon
US 6747450 B2	20040608	Weak-magnetic field sensor using printed circuit board manufacturing technique and method of manufacturing the same	324/253	324/260; 336/200	Kang; Myung-Sam et al.
US 6741634 B1	20040525	Apparatus and method of adaptive weighted parallel interference cancellation system for CDMA	375/144	370/335; 370/342; 375/148; 375/343; 375/349; 455/226.3	Kim; Seong Rag et al.
US 6738514 B1	20040518	Character-recognition system for a mobile radio communication terminal and method thereof	382/187	382/209; 382/218; 382/313; 455/426.1	Shin; Jang- Ki et al.
US 6737119 B1	20040518	Method for producing release film using silicone aqueous emulsion release liquid	427/387		Kim; Sang Pil et al.

US 6735973 B2	20040518	Multi-type air conditioner	62/324.6	62/510	Lee; Chang Seon
US 6735391 B2	20040511	Automatic retrieval of wavelength-division multiplexed ring networks	398/3	398/14; 398/17; 398/20; 398/45; 398/5; 398/7; 398/72; 398/9	Lee; Chang Hee et al.
US 6734984 B2	20040511	System having an arithmetic-logic circuit for determining the maximum or minimum of a plurality of codes	358/1.12	358/1.17; 710/260; 710/263	Prenn; M. Therese et al.
US 6733897 B2	20040511	Dielectric composition and multilayer ceramic condenser using the same	428/472	361/321.4; 361/321.5; 428/471; 428/697; 428/702; 501/136; 501/137	Choi; Chang Hak et al.
US 6733888 B2	20040511	Floor-covering material using phenol composite resin	428/423.3	428/424.6; 428/425.1; 428/425.3; 428/525; 428/526; 428/528; 428/529	Woo; Je-suk et al.
US 6733486 B1	20040511	Catheter having a reinforcing mandrel	604/525	604/96.01	Lee; Jeong Soo et al.
US 6728026 B2	20040427	Dynamically tunable optical amplifier and fiber optic light source	359/337.11	359/337.5	Lee; Chang- Hee et al.
US 6727024 B2	20040427	Polyalkylene oxide polymer composition for solid polymer electrolytes	429/317	429/309; 429/310; 429/314; 429/316; 429/322; 429/323	Kang; Yongku et al.
US 6718780 B2	20040413	Concentration cooling apparatus for refrigerator	62/186	62/408	Cho; Seong- Ho et al.
US 6716178 B1	20040406	Apparatus and method for performing thermal and laser doppler velocimetry measurements	600/504	600/342	Kilpatrick; Deborah et al.
US 6715306	20040406	Concentration cooling	62/186	236/49.3	Cho; Seong-

B2		apparatus of refrigerator			Ho et al.
US 6712833 B1	20040330	Method of making a catheter balloon	606/194	606/191	Lee; Jeong S. et al.
US 6707322 B2	20040316	Transconductor having structure of crossing pairs	327/103	327/432; 327/435	Lee; Jeong-won et al.
US 6705099 B2	20040316	Concentration cooling apparatus for refrigerator	62/186	236/49.3	Cho; Seong-Ho et al.
US 6704383 B2	20040309	Sample and hold type fractional-N frequency synthesizer	375/376	327/156; 327/157; 375/375	Lee; Jeongwoo et al.
US 6697667 B1	20040224	Apparatus and method for locating coronary sinus	600/479	356/336; 385/119; 600/585; 604/523	Lee; Jeong S. et al.
US 6696769 B2	20040224	Mode switch assembly of automobile having impact/load absorbing apparatus	307/10.1	16/441; 200/300; 248/548; 280/751	Lee; Jeong-yeop et al.
US 6695809 B1	20040224	Catheter balloon with a discontinuous elastomeric outer layer	604/96.01	606/108	Lee; Jeong S.
US 6695737 B2	20040224	Line pressure regulating system for an automatic transmission	475/127	137/625.64	Park; Jong-Sool et al.
US 6694761 B2	20040224	Cold air supply apparatus of refrigerator	62/186	236/49.3; 62/187	Cho; Seong-Ho et al.
US 6694758 B1	20040224	Apparatus and method for controlling concentrated cooling of refrigerator	62/179	62/186; 62/408	Cho; Seong-Ho et al.
US 6693446 B2	20040217	Apparatus for testing reliability of interconnection in integrated circuit	324/719	257/84; 324/501; 324/763	Song; Won-Sang et al.
US 6692680 B2	20040217	Reproduction of micromold inserts	264/485	205/70; 216/67; 216/83; 264/220; 264/221; 264/227	Lee; Jeong-Bong et al.
US 6692112 B2	20040217	Monolithic ink-jet printhead	347/59	347/63; 347/65	Kim; Hyeon-cheol et al.
US 6691823 B2	20040217	Suction muffler in reciprocating compressor	181/229	181/221; 181/233; 181/237; 181/262	Lee; In Won et al.
US 6690717	20040210	Multi-tone transceiver	375/219	375/222	Kim; Jung

B1		system using two steps of DMT-CMFB			Hak et al.
US 6690187 B2	20040210	Apparatus for testing reliability of interconnection in integrated circuit	324/763	324/537; 324/719	Song; Won-Sang et al.
US 6689997 B2	20040210	Microwave oven with saucer holders	219/762	219/732; 219/739; 219/756; 99/DIG.14	Lee; Jeong-Hee
US 6687291 B1	20040203	Time-domain equalizer of cascaded filters for VDSL	375/229		Lee; Hoon et al.
US 6683563 B2	20040127	System for determining precise orbit of satellite and method thereof	342/357.02	342/357.06; 342/357.16; 342/358; 701/213; 701/226	Lee; Jeong-Sook et al.
US 6682782 B2	20040127	Organic compound having an acetylene group, vacuum deposition polymerization thereof, deposited polymerized thin film, and electroluminescence device containing same	427/497	257/E51.028; 257/E51.047; 257/E51.049; 257/E51.051; 427/255.6; 427/384; 427/509; 427/558; 427/69	Jung; Sang Hyun et al.
US 6678035 B2	20040113	Liquid crystal display and method for fabricating the same	349/187	349/128; 349/134; 349/136	Lee; Jeong-Ho et al.
US 6677639 B2	20040113	Non-volatile memory device and method for fabricating the same	257/314	257/E21.679; 257/E27.103; 438/588	Lee; Chang-Hyun et al.
US 6677200 B2	20040113	Method of forming non-volatile memory having floating trap type device	438/257	257/E21.21; 257/E21.423; 257/E29.309; 438/954	Lee; Chang-Hyun et al.
US 6675944 B2	20040113	Return apparatus for a clutch piston of an automatic transmission	192/106F	192/85AA; 267/158; 92/130B	Lee; Chang-Wook
US 6674235 B2	20040106	Photocathode having ultra-thin protective layer	313/542	313/544	Lim; Keong-Su et al.
US 6671045 B1	20031230	Apparatus and method for measuring optical signal-to-noise ratio	356/364	398/158; 398/79; 398/9	Lee; Chang Hee et al.
US 6671018 B2	20031230	Liquid crystal display with only portion of the long axes of the liquid crystal	349/123	349/130	Lee; Chang-Hun et al.

		molecules are arranged in radial configuration			
US 6671017 B2	20031230	Liquid crystal display with a wide viewing angle a compensation film	349/118	349/117; 349/129; 349/130; 349/137; 349/143; 349/178; 349/99	Lyu; Jae-Jin et al.
US 6670751 B2	20031230	Light emitting diode, light emitting device using the same, and fabrication processes therefor	313/512	257/E33.075; 313/11; 313/44; 313/46; 313/498; 313/506; 438/106; 438/122	Song; Kyung-Sub et al.
US 6667962 B1	20031223	Method for recovering dropped call in mobile station for CDMA system and method for informing recovery of the dropped call	370/335	370/342	Lee; Jeong-Goo et al.
US 6667253 B2	20031223	Alignment mark and exposure alignment system and method using the same	438/401	257/E23.179; 438/462	Song; Won et al.
US 6667233 B2	20031223	Method for forming a silicide layer of semiconductor device	438/649	257/E21.165; 438/682; 438/721; 438/755	Ryoo; Chang Woo et al.
US 6667200 B2	20031223	Method for forming transistor of semiconductor device	438/199	257/E21.193; 257/E21.426; 257/E21.633; 257/E29.055; 257/E29.11; 438/217; 438/222; 438/226; 438/227; 438/231; 438/289	Sohn; Yong Sun et al.
US 6661569 B2	20031209	Semiconductor optical amplifier module with monitoring device	359/333	385/92	Yoon; Young-Kwon et al.
US 6658961 B2	20031209	Shift manipulating apparatus of automatic transmission	74/473.3	74/473.1; 74/473.11	Lee; Chang-Wook
US 6658313	20031202	Apparatus for adjusting the	700/117	29/742;	Lee; Chang

B1		origins of module heads of a surface mounting apparatus and method therefor		29/832; 700/255; 700/57; 700/64; 702/95	Hyun
US 6658270 B1	20031202	Displayer-embedded cellular phone battery	455/566	455/550.1; 455/572	Lee; Chang-Jung
US 6656075 B2	20031202	Hydraulic control system for automatic transmission	475/128	475/144	Park; Jong-Sool et al.
US 6644051 B1	20031111	Concentrated cooling apparatus of refrigerator	62/186	62/408; 62/80	Cho; Seong-Ho et al.
US 6643201 B2	20031104	Memory device having read charge control, write charge control and floating or precharge circuits	365/205	365/189.04; 365/202	Lee; Won-Seok et al.
US 6641694 B1	20031104	Angioplasty balloon with thin-walled taper and method of making the same	156/244.14	264/512; 264/515; 264/516; 264/573	Lee; Jeong S.
US 6638968 B1	20031028	Use of prodigiosin for treating diabetes mellitus	514/422	548/518	Kim; Hwanmook et al.
US 6638566 B1	20031028	Method of manufacturing an electroconductive antireflection film and a glass faceplate with the antireflection film formed thereon	427/64	427/164; 427/165; 427/72	Lee; Chang Han
US 6638153 B2	20031028	Diamond saw blade equipped with undercut preventing tip	451/547	125/12; 125/13.01; 125/15; 451/540; 451/542; 451/548	Lee; Chang Hyun et al.
US 6638152 B1	20031028	Diamond blade having segment type cutting tip for use in cutting, grinding or drilling apparatus	451/541	451/542; 451/548	Kim; Soo Kwang et al.
US 6637225 B1	20031028	Concentrated cooling apparatus and refrigerator having the same	62/186	236/49.3; 62/414	Cho; Seong-Ho et al.
US 6635802 B1	20031021	Nuclear transfer using cells cultured in serum starvation media containing apoptosis inhibitors	800/24	435/375; 435/377; 435/384	Piedrahita; Jorge A. et al.
US 6630196	20031007	Image display faceplate on	427/64	252/519.3;	Yoon; Sang

B1		which conductive organic polymeric transparent anti-static film is formed, its solution and its manufacturing method		252/519.31; 252/519.33; 427/68; 524/588; 524/767; 524/837; 524/910; 524/911	Youl et al.
US 6628134 B1	20030930	DC stress supply circuit	324/763	324/765	Lee; Chang Yeol
US 6624827 B1	20030923	Apparatus and method for locking or prohibiting access to designated object displayed on shared electronic whiteboard	715/753	709/204	Hwang; Dae-Joon et al.
US 6622777 B2	20030923	Apparatus and method for producing metal fiber	164/463	164/423	Park; Yang- Za
US 6620127 B2	20030916	Medical device balloon	604/96.01	428/36.9; 606/194	Lee; Jeong S. et al.
US 6616844 B2	20030909	Method for treating high-concentrated organic wastewater using bio-maker	210/605	210/151; 210/195.3; 210/202; 210/220; 210/259; 210/617; 210/623; 210/629; 210/631; 210/903; 210/908	Park; Wan Cheol et al.
US 6612722 B2	20030902	Light guide panel for backlight	362/331	349/65; 362/26; 362/615	Ryu; Su-Sun et al.
US 6611160 B1	20030826	Charge pump having reduced switching noise	327/157	327/148	Lee; Chang- Hyeon et al.
US 6607460 B2	20030819	Hydraulic control system for automatic transmission	475/123		Park; Jong- Sool et al.
US 6597482 B1	20030722	Multiplexing/demultiplexing apparatus for wavelength division multiplexed system and wavelength division multiplexed passive optical subscriber networks using the same apparatus	398/87	398/79	Chung; Yun Chur et al.
US 6597263 B2	20030722	Dielectric filter having notch pattern	333/202	333/206	Jun; Dong- Suk et al.



US 6594815 B2	20030715	Asynchronous controller generation method	716/18	700/86; 712/201	Lee; Dong I. et al.
US 6593631 B2	20030715	Method of fabricating semiconductor device	257/369	257/382; 257/754; 257/E21.637; 257/E21.641; 257/E23.168	Lee; Chang-Jae et al.
US D476946 S	20030708	Automobile tire	D12/524		Lee; Chang Ho et al.
US 6588310 B2	20030708	Saw blade shank	83/835	30/350; 83/676	Lee; Chang Hyun et al.
US 6586288 B2	20030701	Method of forming dual-metal gates in semiconductor device	438/183	257/E21.637; 438/275	Kim; Tae Kyun et al.
US 6582628 B2	20030624	Conductive melt-processible fluoropolymer	252/511	252/500; 252/502; 264/103; 264/104; 264/127; 524/495; 524/496	Kondo; Shosaku et al.
US 6579767 B2	20030617	Method for forming aluminum oxide as a gate dielectric	438/287	257/E21.193; 257/E21.194; 257/E21.248; 257/E29.162; 438/296; 438/297; 438/591; 438/783	Park; Dae-Gyu et al.
US 6579484 B1	20030617	Co-extruded taper shaft	264/173.16	264/209.4; 264/209.5	Tiernan; Stephen J. et al.
US 6577725 B1	20030610	Prefix translation dispersed configuration and method for exchange system	379/242	370/360; 379/221.12	Lee; Jeong Ok
US 6577608 B1	20030610	Communication control device and method for CDMA communication system	370/311	370/342; 370/441; 455/343.1; 455/574	Moon; Hi-Chan et al.
US 6567175 B1	20030520	Device and method for changing printer drivers in a computer-printer system	358/1.14	358/1.13; 358/1.15	Lee; Chang-Sub
US 6564887 B2	20030520	Core drill	175/395	175/405; 408/145; 451/542	Hong; Jae Hyun et al.
US 6561866	20030513	Moveable and sectional	446/90	446/103;	Lee; Jeong

B1		block toy		446/85; 446/91	Min
US 6560750 B2	20030506	Method for providing master-slave heat-swapping apparatus and mechanism on a mono-ATA bus	716/1	700/12; 700/26; 700/3; 709/209; 709/221; 709/222; 710/110; 710/302; 710/304; 712/31; 712/39	Chien; Horng-Ming et al.
US 6559984 B1	20030506	Apparatus for monitoring optical path based on the identification of optical cross-connect input ports	398/5		Lee; Chang Hee et al.
US 6558284 B2	20030506	Hydraulic control system for automatic transmission	475/116		Park; Jong- Sool et al.
US 6555462 B2	20030429	Semiconductor device having stress reducing laminate and method for manufacturing the same	438/622	257/E23.152; 438/624; 438/637; 438/667; 438/926	Ahn; Jong- hyon et al.
US 6554114 B2	20030429	Dual synchronization system of manual transmission	192/53.343	74/339	Lee; Jeong- Ki
US 6553089 B2	20030422	Fractional-N frequency synthesizer with fractional compensation method	375/376	327/156; 327/157; 375/375	Huh; Hyunki et al.
US 6552755 B1	20030422	Method for measuring convergence by using a mixed color pattern	348/807	315/368.11; 348/182	Kim; Wan- Soo et al.
US 6551181 B2	20030422	Abrasive wheel	451/548	451/550	Lee; Chang Hyun
US 6543179 B1	20030408	Animal trap	43/61	43/60	Lee; Chang Soon
US 6540721 B1	20030401	Balloon catheter with flexible radiopaque polymeric marker	604/103.1		Voyles; Carolyn et al.
US 6538784 B1	20030325	Multicast-capable optical cross-connect with layered modularity	398/82		Lee; Chang Hee et al.
US 6537589 B1	20030325	Calcium phosphate artificial bone as osteoconductive and biodegradable bone	424/602	424/422; 424/423; 424/426;	Chae; Soo Kyung et al.

		substitute material		424/601; 424/606; 424/682; 424/696; 424/709; 424/722	
US 6537180 B2	20030325	Hydraulic control system for automotive automatic transmission	477/130	477/158	Kim; Tae-Kyun et al.
US 6535860 B1	20030318	Design and hardware synthesis of adaptive weighted fuzzy mean image filter	706/1	706/2; 706/3; 706/4; 706/5	Kuo; Yau-Hwang et al.
US 6535259 B2	20030318	Liquid crystal display	349/123	349/122; 349/129; 349/139; 349/143; 349/177	Lee; Chang-Hun et al.
US 6533399 B2	20030318	Bubble-jet type ink-jet printhead and manufacturing method thereof	347/61	347/65	Lee; Chang-seung et al.
US 6530938 B1	20030311	Catheter member with bondable layer	606/194	606/191	Lee; Jeong Soo et al.
US 6529656 B2	20030304	Bi-Directional add/drop multiplexer and bidirectional add/drop amplifier module for wavelength interleaved bidirectional networks	385/24	385/15; 385/31; 398/43	Lee; Chang Hee et al.
US 6528882 B2	20030304	Thermal enhanced ball grid array package	257/738	257/675; 257/687; 257/706; 257/707; 257/712; 257/720; 257/729; 257/734; 257/774; 257/780; 257/786; 257/E23.092; 257/E23.105	Ding; Yi-Chuan et al.
US 6528361 B1	20030304	Process for preparing a polycrystalline silicon thin film	438/166	257/E21.133; 438/486; 438/487	Ahn; Byung-Tae et al.
US 6527741	20030304	Angioplasty catheter system	604/103.06	264/529;	Lee; Jeong

B1		with adjustable balloon length		604/509; 606/194	S. et al.
US 6527634 B2	20030304	Grinding wheel with segments for preventing one-sided wear	451/548	451/540	Lee; Chang Hyun et al.
US 6526959 B1	20030304	Adhesive sheet for noise and shock absorption, and saw blade making use of it, and manufacturing methods therefor	125/15	125/12	Lee; Chang Hyun et al.
US 6524918 B2	20030225	Method for manufacturing a gate structure incorporating therein aluminum oxide as a gate dielectric	438/287	257/E21.193; 257/E21.247; 257/E21.28; 257/E29.162; 438/591	Park; Dae-Gyu et al.
US 6524884 B1	20030225	Method for fabricating an organic electroluminescence device having organic field effect transistor and organic electroluminescence diode	438/99	257/40; 438/21; 438/29; 438/608; 438/609	Kim; Seong-hyun et al.
US 6521708 B2	20030218	Melt processible fluoropolymer composition	525/199		Lee; Jeong Chang et al.
US 6521595 B1	20030218	Nonimmunosuppressive [.gamma.-hydroxy-methyleucine4] cyclosporin A, hair growth stimulator and external composition for skin using the same	514/11	424/401; 424/78.03; 514/2; 514/828; 514/880; 514/881; 514/9; 530/317; 530/318; 530/322	Kim; Sang-Nyun et al.
US 6520934 B1	20030218	Catheter assemblies with flexible radiopaque marker	604/103.1		Lee; Jeong S. et al.
US 6519802 B2	20030218	Active wiper system for an automobile	15/250.19	15/250.12; 15/250.202	Lee; Jeong-Hoon
US 6512070 B2	20030128	Dual purpose electroactive copolymers	526/347.1	257/E51.036; 526/171; 526/204; 526/217; 526/260; 526/261; 526/270; 526/287; 526/293; 526/310;	Hawker; Craig Jon et al.

				526/347	
US 6503941 B2	20030107	Ferulic ester derivative, 3,9-diferulylcoumestrol and cosmetic product containing same	514/453	549/279	Pyo; Hyeong-Bae et al.
US 6501573 B1	20021231	Apparatus and method for monitoring the qualities of optical signal using clock amplitude	398/27	398/154	Lee; Chang Hee et al.
US 6498927 B2	20021224	Automatic gain control method for highly integrated communication receiver	455/245.2	330/133; 330/278; 455/234.2; 455/247.1; 455/251.1; 455/253.2; 455/324	Kang; Suwon et al.
US 6498802 B1	20021224	Organic micro-cavity laser	372/39		Chu; Hye-Yong et al.
US 6495920 B2	20021217	Wiring for semiconductor device	257/768	257/377; 257/385; 257/E23.019; 438/652	Lee; Chang Jae
US 6494802 B2	20021217	Hydraulic control system for automatic transmission	475/116	475/127	Lee; Chang-Wook et al.
US D466912 S	20021210	Grinding wheel	D15/126		Lee; Chang Hyun
US 6492416 B1	20021210	4,5-diaryl-3(2H)-furanone derivatives as cyclooxygenase-2 inhibitors	514/473	514/256; 514/336; 514/406; 514/443; 514/444; 514/469; 544/333; 546/284.4; 548/365.7; 549/465; 549/472; 549/479; 549/58; 549/60	Shin; Song Seok et al.
US 6491956 B2	20021210	Food containing active strains for inhibiting infection and treating gastritis, gastric and duodenal ulcers	426/71	424/93.4; 426/583; 426/61	Heo; Cheol Seong et al.
US 6490346	20021203	Apparatus and method for	379/162	379/157;	Lee; Tae-

B2		providing music-on-hold service in key telephone system		379/165; 379/215.01; 379/67.1; 379/84	Gyu et al.
US 6488655 B1	20021203	Polymer jacket with adhesive inner layer	604/103.09	604/103.06; 604/524	Wantink; Kenneth L. et al.
US 6486935 B1	20021126	Liquid crystal display device having improved aperture ratio	349/147	257/72; 349/145; 349/42	Hwang; Jeung Tae et al.
US 6486933 B1	20021126	Liquid crystal display with preventing vertical cross-talk having overlapping data lines	349/139	349/110; 349/141	Cha; Ki- Seok et al.
US 6486053 B2	20021126	Semiconductor device and fabricating method therefor	438/613	257/E21.508; 257/E23.021; 438/614; 438/656; 438/687	Yi; Sang- Don et al.
US 6486039 B2	20021126	Method of fabricating a trench isolation structure having sidewall oxide layers with different thicknesses	438/425	257/E21.548; 257/E21.551; 438/427; 438/433; 438/696; 438/704; 438/717; 438/719; 438/723; 438/724	Yoo; Jae- yoon et al.□
US 6485388 B2	20021126	Line pressure control system of automatic transmission	475/127	137/238	Kim; Tae- Kyun et al.
US 6483313 B1	20021119	Method and apparatus for measuring convergence with respect to a color CRT using a color CCD camera	324/404	315/368.11; 348/807	Kim; Wan- Soo et al.
US 6483274 B2	20021119	Device and method for displaying charge capacity information of smart battery	320/132	324/432	Lee; Chang- Hum
US 6483123 B1	20021119	Organic electroluminescent device having organic field effect transistor and organic light-emitting diode and method for fabricating the same	257/40		Kim; Seong- hyun et al.
US 6482664 B1	20021119	Method for manufacturing white light-emitting diodes	438/28	257/E33.061; 438/106;	Lee; Jeong- Hoon et al.

				438/107; 438/112; 438/113; 438/26; 438/33; 438/34; 438/35	
US 6480248 B1	20021112	Method of illuminating liquid crystal layer and liquid crystal display device using the same	349/96	349/103; 349/65	Lee; Jeong-Hwan et al.
US 6478050 B2	20021112	Manual valve of a hydraulic pressure control system for an automatic transmission of a vehicle	137/625.69	477/142	Park; Jong-Sool et al.
US 6477094 B2	20021105	Memory repair circuit using antifuse of MOS structure	365/200	365/225.7	Kim; Phil-Jung et al.
US 6476898 B2	20021105	Optically compensated bend liquid crystal display with controlling apertures and buffer electrodes	349/139	349/147	Song; Jang-Kun et al.
US 6476318 B1	20021105	Signal cable connector	174/59	174/65R; 174/65SS; 439/350; 439/372; 439/607; 439/717; D13/133; D13/147; D13/154	Lee; Chang-Chi
US 6475861 B1	20021105	Semiconductor device and fabrication method thereof	438/258	257/355; 257/E21.544; 257/E21.545; 257/E27.062; 257/E29.015; 438/266; 438/294; 438/545	Lee; Chang Soo
US 6473415 B1	20021029	Interference canceling method and apparatus of a multi-mode subtraction type in asynchronous multipath channels of code division multiple access system	370/342	375/148; 375/346	Kim; Seong Rag et al.
US 6470134 B1	20021022	Method and apparatus for dubbing a recording tape	386/52	360/15; 369/84;	Lee; Chang-Hyeon

				386/64	
US D463965 S	20021008	Grinding wheel	D8/70	D15/126	Lee; Chang Hyun et al.
US 6458618 B1	20021001	Robust substrate-based micromachining techniques and their application to micromachined sensors and actuators	438/53	438/456	Allen; Mark G. et al.
US 6456546 B2	20020924	Repair circuit using antifuse	365/200	365/225.7	Kim; Phil- Jung et al.
US 6455200 B1	20020924	Flame-retardant additive for li-ion batteries	429/231.95	429/203; 429/322; 429/328; 429/330; 429/336; 429/338; 429/339	Prakash; Jai et al.
US 6451846 B1	20020917	Isocoumarin derivatives inhibiting angiogenesis	514/456	549/287	Lee; Jung Joon et al.
US 6451630 B2	20020917	Method for manufacturing a thin-film transistor	438/144	257/344; 257/408; 257/72; 257/E21.413; 257/E21.703; 257/E27.111; 257/E29.278; 438/147; 438/149; 438/163; 438/164; 438/30	Lee; Jeong- no
US 6440028 B2	20020827	Manual valve of hydraulic pressure control system for automatic transmission	475/131	475/130	Kim; Tae- Kyun et al.
US 6433115 B1	20020813	Opto-electronic devices fabricated with dual purpose electroactive copolymers	526/258	257/E51.036; 526/171; 526/204; 526/217; 526/260; 526/261; 526/270; 526/287; 526/293; 526/310; 526/347	Hawker; Craig Jon et al.
US 6433093	20020813	Melt processible	525/199	428/361;	Lee; Jeong C



B1		fluoropolymer composites		428/362; 428/373; 428/375; 428/392; 428/394; 428/395; 525/200	et al.
US 6428641 B1	20020806	Method for laminating circuit pattern tape on semiconductor wafer	156/64	156/249; 156/253; 156/351; 156/378; 257/E23.065; 257/E23.179; 438/118	Yoon; Ju-Hoon et al.
US 6426386 B2	20020730	Melt processible fluoropolymer composition	525/199	525/200	Lee; Jeong Chang et al.
US 6423509 B1	20020723	Pichia pastoris strain for producing lactoferrin and methods of use	435/69.1	435/254.1; 435/254.23	Sung; Chang Keun et al.
US 6417089 B1	20020709	Method of forming solder bumps with reduced undercutting of under bump metallurgy (UBM)	438/612	257/E21.508; 257/E23.021	Kim; Byung Soo et al.
US 6414920 B1	20020702	Method for detecting synchronous information adapted to decode information recorded on burst cutting area of optical disc	369/47.31	369/53.31; 369/59.23	Lee; Jeong-Seok
US 6411764 B1	20020625	Double core spot size converter using selective area growth and fabricating method thereof	385/131	372/50.1	Lee; Jeong-Seok
US D458619 S	20020611	Segment tip for saw blade	D15/139		Lee; Chang Hyun et al.
US 6403896 B1	20020611	Substrate having specific pad distribution	174/261	257/E23.07; 361/777	Ma; Shu Jung et al.
US 6400239 B1	20020604	Microwave filter with a movable shield having alignment windows	333/206	333/202; 333/207	Chun; Oh Gon et al.
US 6399499 B1	20020604	Method for fabricating an electrode of a plasma chamber	438/692	438/693; 438/745; 438/753	Lee; Jeong Gey
US 6396574 B1	20020528	Apparatus for measuring the wavelength, optical power and optical signal-to-noise	356/73.1		Lee; Chang Hee et al.

		ratio of each optical signal in wavelength-division multiplexing optical communication			
US 6391227 B1	20020521	Glass plate having electrically charge-preventive film of conductive organic polymer, its making method, a solution for making the film, and its manufacturing method	252/500	427/393.1; 428/312.6; 428/317.7; 428/426; 428/922	Yoon; Sang Youl et al.
US 6390581 B1	20020521	Ink jet printer head	347/12	347/9	Lee; Chang-Woo et al.
US 6390534 B1	20020521	Impact beam for car doors	296/146.6	296/187.12; 49/502; 52/731.6	Lee; Dae Gil et al.
US 6379047 B1	20020430	Fluid bearing apparatus	384/123		Lee; Chang-woo
US 6377293 B2	20020423	Scanning unit of laser printer and magnetic bearing apparatus therein	347/261	347/243	Koh; Byeong-Cheon et al.
US 6373352 B1	20020416	Duplexer with stepped impedance resonators	333/134	333/202; 333/206	Lee; Chang Hwa et al.
US 6372575 B1	20020416	Method for fabricating capacitor of dram using self-aligned contact etching technology	438/253	257/E21.507; 257/E21.649; 257/E21.657; 438/258; 438/639	Lee; Jeong Kug et al.
US 6366118 B2	20020402	Antifuse repair circuit	326/38	326/10; 326/47	Oh; Jin Keun et al.
US 6362911 B1	20020326	Burst mode optical receiver using two amplifiers having different bandwidth	398/208	359/349; 398/161; 398/214	Lee; Chang Hee et al.
US 6362757 B1	20020326	Method and apparatus for encoding MB810 line code with the characteristics of minimum bandwidth and DC-free	341/102	341/59; 341/67	Lee; Changoo et al.
US 6356354 B1	20020312	System having an arithmetic-logic circuit for determining the maximum or minimum of a plurality of codes	358/1.14	358/1.15; 358/437	Prenn; M. Therese et al.
US 6356165 B1	20020312	Magnetostatic wave devices for high frequency signal	333/148	310/26; 333/158;	Kim; Meyng Soo et al.

		processing		333/195; 333/201; 333/202	
US 6355756 B1	20020312	Dual purpose electroactive copolymers, preparation thereof, and use in opto-electronic devices	526/347.1	257/E51.036; 526/171; 526/204; 526/217; 526/260; 526/261; 526/270; 526/287; 526/293; 526/310; 526/347	Hawker; Craig Jon et al.
US 6353254 B1	20020305	Device isolation structure and device isolation method for a semiconductor power integrated circuit	257/510	257/500; 257/506; 257/520; 257/524; 257/E21.232; 257/E21.564	Lee; Chang-Jae et al.
US 6348730 B1	20020219	Semiconductor device and fabricating method therefor	257/737	257/780; 257/781; 257/E21.508; 257/E23.021	Yi; Sang-Don et al.
US 6347067 B1	20020212	Apparatus and method for adjusting a reference voltage to detect a Traverse signal based on the types of optical medium	369/44.28	369/44.34; 369/53.28	Lee; Jeong Jun
US 6346775 B1	20020212	Secondary electron amplification structure employing carbon nanotube, and plasma display panel and back light using the same	315/169.3	313/309; 313/311; 313/495	Lee; Won-tae et al.
US 6345913 B1	20020212	Kinetic pressure fluid bearing apparatus	384/101	384/123	Lee; Chang-woo
US 6344391 B1	20020205	Fabrication method of semiconductor device with diagonal capacitor bit line	438/253	257/E21.648; 257/E21.658; 438/239; 438/240; 438/256; 438/396; 438/399; 438/639	Lee; Chang-Jae et al.
US 6340694	20020122	Diarylbenzopyran	514/337	514/255.05;	Joo; Yung

B1		derivatives as cyclooxygenase-2 inhibitors		514/365; 514/374; 514/406; 514/443; 514/444; 514/456; 544/405; 546/283.1; 548/203; 548/235; 548/364.4; 549/401; 549/58; 549/60	Hyup et al.
US 6337806 B1	20020108	Semiconductor device having data multiplexing and data masking functions	365/149	365/154; 365/189.02; 365/230.03	Yoon; Hong-goo et al.
US 6336376 B1	20020108	Brake pedal supporting structure of a vehicle	74/512	180/274; 180/275; 280/784; 74/492; 74/526	Lee; Chang-Hyun
US 6335567 B1	20020101	Semiconductor device having stress reducing laminate and method for manufacturing the same	257/734	257/750; 257/758; 257/774; 257/775; 257/E23.152	Ahn; Jong-hyon et al.
US 6333666 B1	20011225	Antifuse circuit being programmable by using no connection pin	327/525	327/526	Kim; Phil-Jung et al.
US 6329694 B1	20011211	Semiconductor device with ESD protective circuit	257/372	257/173; 257/174; 257/355; 257/356; 257/357; 257/360; 257/362; 257/546	Lee; Chang Hyuk et al.
US 6327214 B1	20011204	Multi-bank memory device having input and output amplifier shared by adjacent memory banks	365/230.03	365/205; 365/51	Yoon; Hong-il et al.
US 6326867 B1	20011204	Dielectric filter having resonators arranged in series	333/206	333/134; 333/202	Lee; Chang Hwa et al.
US 6324116 B1	20011127	Merged semiconductor device having DRAM and	365/230.05	365/220; 365/230.03	Noh; Mi-jung et al.

		SRAM and data transferring method using the semiconductor device			
US 6319259 B1	20011120	Stent deploying catheter system	606/108	604/97.01	Lee; Jeong S. et al.
US 6314186 B1	20011106	Block cipher algorithm having a robust security against differential cryptanalysis, linear cryptanalysis and higher-order differential cryptanalysis	380/28		Lee; Chang-hyi et al.
US 6307639 B1	20011023	Data transmission/reception device using an electrophotographic development process and a method thereof	358/1.13	358/1.15; 358/442; 358/468	Eom; Yoon-Seop et al.
US 6303970 B1	20011016	Semiconductor device with a plurality of fuses	257/529	257/173; 257/355; 257/530; 257/665; 257/E23.15	Lee; Chang-Ho et al.
US 6303493 B1	20011016	Wiring for semiconductor device and method for forming the same	438/652	257/E23.019; 438/279; 438/688	Lee; Chang Jae
US 6299522 B1	20011009	Grinding wheel for use in grinding apparatus	451/548	451/488; 451/540	Lee; Chang Hyun
US 6295105 B1	20010925	Enhanced backlight assembly for a liquid crystal display	349/65	362/26; 362/614	Lee; Sang-duk et al.
US 6287314 B1	20010911	Stent deploying catheter system	606/108	606/194; 606/195	Lee; Jeong S. et al.
US D447583 S	20010904	Head lamp for automobile	D26/28		Oh; Young Sub et al.
US D447496 S	20010904	Saw blade for cutting steel-reinforced structure	D15/139	D8/70	Lee; Chang Hyun et al.
US 6283318 B1	20010904	Bottle cap made of synthetic resin	215/254	215/256; 215/305; 215/345; 215/354; 220/270; 220/276; 220/792	Lee; Jeong-Min
US 6277751 B1	20010821	Method of planarization	438/692	257/E21.244; 438/694; 438/697	Niu; Pao-Kang et al.

US 6277093 B1	20010821	Lubricious and readily bondable catheter shaft	604/96.01	604/523; 606/194	Lee; Jeong Soo
US 6270583 B1	20010807	Closed type semiconductor wet thermal oxidation apparatus	118/726		Choi; Byung-doo et al.
US 6268817 B1	20010731	Digital-to-analog converter	341/145	341/154	Min; Byung Moo et al.
US 6266029 B1	20010724	Luneberg lens antenna with multiple gimbaled RF feeds	343/911L	343/754; 343/757; 343/766	Lee; Chang Sob et al.
US 6258647 B1	20010710	Method of fabricating semiconductor device	438/233	257/E21.637; 257/E21.641; 257/E23.168; 438/287; 438/621; 438/643	Lee; Chang-Jae et al.
US 6253078 B1	20010626	Method for paging high-speed subscriber by roaming reservation in radio paging switching system	455/426.1	455/458	Lee; Chang-Duk
US 6246087 B1	20010612	Memory cell structure for semiconductor memory device	257/306	257/303; 257/755; 257/E21.648	Lee; Chang-Jae et al.
US 6245907 B1	20010612	Process for producing a high purity caprolactam	540/534	540/535	Suh; Myung Suk et al.
US 6243553 B1	20010605	Method for cleaning the developer for a liquid electrophotographic printer	399/249		Lee; Jin-soo et al.
US 6221975 B1	20010424	Process for preparing random copolymer functionalized at both terminals	525/351	525/332.8; 525/332.9; 525/333.1; 525/333.2; 525/379; 525/381; 525/382; 525/384; 525/385	Shin; Hyeon Cheol et al.
US 6219374 B1	20010417	Structure of a coherent dual channel QPSK transceiver using pilot symbols in a code division multiple access system	375/130	370/335; 375/219; 375/329	Kim; Seong Rag et al.
US 6217547 B1	20010417	Lubricous and readily bondable catheter shaft	604/96.01	604/103	Lee; Jeong Soo
US 6212928 B1	20010410	Method for manufacturing thin cold rolled inner shield	72/202		Kim; Ki-Ho et al.

		steel sheet with superior magnetic field shielding property			
US 6206852 B1	20010327	Balloon catheter having a small profile catheter	604/96.01		Lee; Jeong Soo
US 6201940 B1	20010313	Transfer roller cleaning apparatus of liquid electrophotographic printer	399/101	15/256.52; 399/123; 399/99	Lee; Chang-soo
US 6198595 B1	20010306	Logic deck mechanism for portable audio	360/96.2	360/96.1	Park; Tae-won et al.
US 6188723 B1	20010213	Finite impulse response filter for wave-shaping digital quadrature amplitude modulation symbols	375/235	375/350; 708/301; 708/316; 708/319	Lee; Jeong Jin et al.
US 6188509 B1	20010213	Simple bidirectional add/drop amplifier module based on a single multiplexer	359/341.2	385/17; 398/9	Lee; Chang Hee et al.
US 6181402 B1	20010130	Liquid crystal display	349/130	349/139; 349/143	Shim; Jung-Uk et al.
US 6179810 B1	20010130	Catheter with a flexible and pushable shaft	604/96.01	606/108; 606/191	Wantink; Kenneth Lee et al.
US 6174774 B1	20010116	Method of fabricating semiconductor device	438/279	257/E21.62; 257/E21.622; 257/E21.66; 438/257; 438/275	Lee; Chang-Jae
US 6172827 B1	20010109	Device for recording signal so as to facilitate effective dropout compensation	360/15	360/31; 369/84; 386/47	Lee; Chang-Rok
US 6172152 B1	20010109	Sol-gel compositions and polymeric ion conductive film prepared therefrom	524/379	524/104; 524/113; 524/205; 524/233; 524/280; 524/378; 525/104; 525/105	Kim; Eun-Kyong et al.
US 6171930 B1	20010109	Device isolation structure and device isolation method for a semiconductor power integrated circuit	438/432	257/E21.232; 257/E21.564; 438/446; 438/501	Lee; Chang-Jae et al.
US 6169582 B1	20010102	Image signal processing system which uses portable computer monitor as a	348/552	348/794	Lee; Chang-Seop

		display			
US D435523 S	20001226	Remote control keypad	D13/164		Ciornei; Oscar A. et al.
US 6165840 A	20001226	Method for fabricating a DRAM cell capacitor including forming first multilayer insulator, forming conductive plug, forming second insulator, and etching second and first insulators to form the storage node	438/253	257/E21.011; 257/E21.59; 257/E21.648; 438/255; 438/396; 438/398	Choi; Chang-Won et al.
US 6159774 A	20001212	Multi-layer interconnection layout between a chip core and peripheral devices	438/118	257/E23.146; 438/617; 438/622; 438/666	Lee; Jeong- Soo
US 6157169 A	20001205	Monitoring technique for accurately determining residual capacity of a battery	320/132	320/130	Lee; Chang- Hum
US 6156601 A	20001205	Method of forming DRAM matrix of basic organizational units each with pair of capacitors with hexagon shaped planar portion	438/238	239/393; 257/E21.646; 257/E27.085	Lee; Chang Jae et al.
US 6156263 A	20001205	Molten steel smelting apparatus for producing ultra-low carbon steel	266/209	266/210; 75/511	An; Sang Bok et al.
US 6150906 A	20001121	HF filter using resonators having convex-concave structure	333/206	333/202; 333/222	Lee; Chang Hwa et al.
US 6150701 A	20001121	Insulative guard ring for a semiconductor device	257/409	257/452; 257/457; 257/510; 257/647; 257/E21.544; 257/E21.545; 257/E27.062; 257/E29.015	Lee; Chang Soo
US 6147924 A	20001114	Arrangement of data input/output circuits for use in a semiconductor memory device	365/230.03	365/233; 365/63	Lee; Chang- Ho et al.
US 6136645 A	20001024	Fabrication method for semiconductor memory	438/254	257/E21.648; 257/E27.086;	Yang; Woun-Suk



		device		438/256; 438/397	et al.
US 6134376 A	20001017	Computer system having video cassette recorder incorporated therein	386/46	348/552; 348/836; 358/906; 361/685; 361/727; 386/113; 386/118	Lee; Cheon-Yeol et al.
US 6133598 A	20001017	Semiconductor device with diagonal capacitor bit line and fabrication method thereof	257/296	257/303; 257/304; 257/305; 257/311; 257/506; 257/508; 257/520; 257/758; 257/759; 257/774; 257/E21.648; 257/E21.658	Lee; Chang-Jae et al.
US 6131042 A	20001010	Combination cellular telephone radio receiver and recorder mechanism for vehicles	455/556.1	455/345; 455/557	Lee; Chang et al.
US 6130587 A	20001010	Microstripline/stripline isolator/circulator having a propeller resonator	333/24.2	333/1.1	Jun; Dong Suk et al.
US 6130155 A	20001010	Method of forming metal lines in an integrated circuit having reduced reaction with an anti-reflection coating	438/635	257/E21.313; 257/E21.314; 257/E21.592; 438/636; 438/643; 438/648; 438/653; 438/656; 438/658; 438/660; 438/669; 438/671; 438/722; 438/785	Chen; Jeng-Pei et al.
US 6129556 A	20001010	Computer system using a card having an expansion edge	439/61	361/785	Sihn; Seong-Kee et al.
US 6123875	20000926	Process for producing a	252/518.1	204/281;	Kim; Eun

A		rubber elastic copolymer, an ion-conducting thin membrane composition containing the copolymer, an ion-conducting thin membrane and a process for producing the same, and a solid electrochemical material containing the membrane		204/290.11; 204/291; 252/500; 252/519.3; 429/209; 521/25	Kyoung et al.
US 6116520 A	20000912	Fire-fighting nozzle having flash	239/289	169/47; 239/525; 239/558	Lee; Jeong Kyu
US 6111829 A	20000829	Apparatus and method for adjusting a reference voltage to detect a traverse signal based on the types of optical medium	369/44.28	369/44.25	Lee; Jeong Jun
US 6108284 A	20000822	Apparatus and method for generating a reference level to detect a traverse signal	369/44.28	369/44.25	Lee; Jeong Jun
US 6100753 A	20000808	Bias stabilization circuit	327/538	327/540	Lee; Chang Seok et al.
US 6096646 A	20000801	Method for forming metal line of semiconductor device	438/680	257/E21.585; 438/622; 438/627; 438/637; 438/672	Lee; Chang Jae et al.
US 6091442 A	20000718	Apparatus for improving the visibility of images	348/28	348/671	Lee; Chang-Hyeon
US 6090398 A	20000718	Composition and method for the control of diabroticite insects	424/405	514/454; 514/455	Schroder; Robert F. W. et al.
US 6087722 A	20000711	Multi-chip package	257/723	257/669; 257/686; 257/692; 257/724; 257/777; 257/783; 257/E23.039; 257/E23.052	Lee; Kwan Jai et al.
US 6080815 A	20000627	Process for producing thermoplastic resins having high impact strength	525/66	523/335; 524/504; 525/246; 525/316; 525/71;	Lee; Chang-Hong et al.

				525/73; 525/84	
US 6080680 A	20000627	Method and composition for dry etching in semiconductor fabrication	438/727	216/69; 216/72; 216/75; 257/E21.256	Lee; Changhun et al.
US 6080615 A	20000627	Method for forming a semiconductor device incorporating a dummy gate electrode	438/239	257/296; 257/E21.008; 257/E27.016; 438/251	Lee; Chang-Jae et al.
US 6078093 A	20000620	Capacitor structure of semiconductor device for high dielectric constant	257/532	257/295; 257/306; 257/310; 257/E21.008; 257/E21.648	Lee; Chang Jae
US 6076970 A	20000620	Fluid bearing apparatus	384/123		Lee; Chang-woo
US 6075345 A	20000613	Battery powered electronic system with an improved power management	320/138		Lee; Chang-Hum
US 6070566 A	20000606	Piston for direct injection combustion chamber used in internal combustion engine	123/298	123/301; 123/305	Lee; Jeong-heon
US 6067378 A	20000523	Lip contour signal reconstruction method	382/203	382/118	Lee; Chang-Buhm
US 6067333 A	20000523	Adaptive serial and parallel mixed interference cancellation method	375/346	370/320; 370/342; 375/349	Kim; Seong Rag et al.
US 6064265 A	20000516	Gain control circuit for low-noise amplifier	330/279	330/282	Yun; Kwang Jun et al.
US 6063469 A	20000516	Triple substrate optical disk and manufacturing method thereof	428/64.1	369/275.1; 369/283; 369/288; 428/412; 428/64.4; 428/64.7; 428/65.2; 428/689; 428/913; 430/270.12; 430/495.1; 430/945	Ryu; Su-Sun et al.
US 6061203 A	20000509	Device for opening lids of varying sized tape cassettes in a magnetic recording and reproducing apparatus	360/94	242/338.2	Kim; Woon-bae et al.

US 6060965 A	20000509	Dielectric resonator and filter including capacitor electrodes on a non-conductive surface	333/202	333/206; 333/222	Sung; Hee Kyung et al.
US 6058458 A	20000502	Multi-processor system having a shared program memory and related method	711/148	709/214; 709/215; 709/222; 711/153	Lee; Jeong-min
US 6057736 A	20000502	Gain controlled amplifier	330/282	330/294	Kim; Min Gun et al.
US 6057232 A	20000502	Wiring structure for semiconductor device and fabrication method therefor	438/658	257/E23.019; 257/E23.16; 438/659; 438/672; 438/675; 438/687	Lee; Chang-Jae
US 6054909 A	20000425	Microwave filter with U-type resonator	333/206	333/222	Lee; Chang Hwa et al.
US 6045080 A	20000404	Belt tension varying apparatus for portable audio logic deck	242/356.7	360/96.4	Lee; Chang-Jip et al.
US 6039777 A	20000321	Air filter device and an automobile having the same	55/385.3	55/481; 55/497; 55/511; 55/521; 55/DIG.31	Lee; Jeong-Ki
US 6024327 A	20000215	Method and apparatus for intelligent attitude and orbit control onboard a satellite	244/164	244/169; 244/171	Won; Chang Hee et al.
US 6023853 A	20000215	Method for cleaning molding compound tablets	34/236	134/5; 264/272.11; 34/164; 34/582; 34/92	Lee; Chang-Ho
US 6017150 A	20000125	Fluid bearing apparatus	384/123	384/112	Lee; Chang-woo
US 6010521 A	20000104	Catheter member with bondable layer	606/194		Lee; Jeong Soo et al.
US D417174 S	19991130	Pneumatic tire for vehicles	D12/546		Lee; Chang-Ho
US 5995893 A	19991130	Device for controlling the operation of power excavators	701/50	414/680; 414/694; 414/695.5; 414/695.7	Lee; Jin Han et al.
US 5995139 A	19991130	System for identifying visitors using CCTV camera	348/143	340/539.1; 348/156	Lee; Chang-Ho

		and home computer			
US 5994875 A	19991130	Battery charging apparatus and method with charging mode convertible function	320/132	320/136	Lee; Chang-Hum
US 5990126 A	19991123	Quinolinic sulfide derivatives acting as NMDA receptor antagonists and process for preparation thereof	514/312	546/155	Park; No Sang et al.
US 5989050 A	19991123	Structure of a connector for a microphone	439/350	439/320; 439/352	Lee; Chang-Chi
US 5988887 A	19991123	Journal bearing apparatus	384/107	384/111; 384/114	Lee; Chang-woo
US 5987891 A	19991123	Thermoelectric refrigerator/warmer using no external power, and refrigerating/warming method	62/3.6	62/3.7; 62/457.7	Kim; Yong-Gyoo et al.
US 5986437 A	19991116	Power supply system for portable electronic devices	320/162	320/125	Lee; Chang-Hum
US 5983653 A	19991116	Refrigerator capable of controlling fan motor	62/186	62/408	Lee; Chang-Ho
US 5983294 A	19991109	Synchronous cross-connect system with the function of ring network interworking using backplane interconnection	710/62	370/223; 709/218; 709/251	Kim; Hong-Ju et al.
US 5981320 A	19991109	Method of fabricating cmosfet	438/199	257/369; 257/E21.636; 438/201	Lee; Chang Jae
US 5979236 A	19991109	Balancing apparatus	73/458	74/570.2	Hong; Min-pyo et al.
US 5974552 A	19991026	Method and apparatus for executing a scheduled operation after wake up from power off state	713/300	379/142.06; 713/320; 713/323; 713/324	Lim; Jae-Doo et al.
US 5973877 A	19991026	Portable audio logic deck mechanism and pinch roller driving apparatus and ejecting apparatus adopted in the same	360/95	360/137	Lee; Chang-jip et al.
US 5971615 A	19991026	Hemispheric bearing apparatus for preventing deformation of hemisphere	384/108	384/100	Choi; Jin-seung et al.
US D415469 S	19991019	Connector for a microphone	D13/146		Lee; Chang-Chi

US 5968541 A	19991019	Composition and method for the control of diabroticite insects	424/405	514/454; 514/455	Schroder; Robert F. W. et al.
US 5968275 A	19991019	Methods and apparatus for passivating a substrate in a plasma reactor	118/723R	118/504; 156/345.34; 156/345.36; 257/E21.256; 257/E21.313; 438/731	Lee; Changhun et al.
US 5960120 A	19990928	Apparatus for quantizing classified vectors of image signals using four-band linear phase para-unitary filter group	382/253	382/232; 382/248; 382/251	Lee; Chang- Woo et al.
US 5959321 A	19990928	DRAM matrix of basic organizational units each with pair of capacitors with hexagon shaped planar portion	257/296	257/303; 257/306; 257/E21.646; 257/E27.085	Lee; Chang Jae et al.
US 5956529 A	19990921	Hand tremor compensating apparatus using magnets	396/55	348/203; 348/208.7; 359/555	Lee; Sung- hee et al.
US 5954286 A	19990921	Mechanism for moving a reel assembly and a tape cassette sensing switch in a magnetic recorder	242/336	242/345	Park; Lae- soo et al.
US 5953185 A	19990914	Pole base assembly of a video cassette recorder	360/130.23		Lee; Chang- Ho
US 5952448 A	19990914	Stable precursor of polyimide and a process for preparing the same	528/170	525/432; 528/125; 528/126; 528/128; 528/171; 528/172; 528/173; 528/174; 528/179; 528/183; 528/185; 528/220; 528/229; 528/350; 528/351; 528/353	Lee; Myung- Hun et al.
US 5947609 A	19990907	Fluid bearing apparatus	384/112	384/123	Lee; Chang- woo

US 5947607 A	19990907	Fluid bearing apparatus having a thrust bearing mounted at both ends of the rotary shaft	384/107	369/269; 384/112	Lee; Chang-woo
US 5946046 A	19990831	Caption processing device and method for a display unit with a separate display	348/468	348/563	You; Yong Zae et al.
US 5944426 A	19990831	Fluid bearing apparatus	384/107	384/126	Eum; Jae-yong et al.
US 5942825 A	19990824	Electric motor having rotor shaft rotatably supported on a bearing by vertically adjustable magnets	310/90.5		Lee; Chang-Woo
US 5941087 A	19990824	Refrigerator having an apparatus for preventing an air from flowing into the refrigerator	62/256	62/186; 62/407; 62/408	Lee; Chang-Hoon
US 5940236 A	19990817	Apparatus for preventing a recording on a video cassette tape loaded in a video cassette recorder	360/74.2	360/60; 360/85	Lee; Chang-Ho
US 5939954 A	19990817	Equivalent circuit of package ground terminal paddle	333/32	174/52.1; 257/728; 333/247; 361/808	Kim; Min Gun et al.
US 5938342 A	19990817	Semi-spherical bearing	384/108		Lee; Chang-Woo
US 5936489 A	19990810	Dielectric microwave filter	333/202	333/206	Lee; Chang-Hwa et al.
US 5935254 A	19990810	Computer system for cutting off power by key input signals or programming and having a reset switch for resetting and supplying power	713/340	713/310; 714/14	Lee; Chang-Ho
US 5934810 A	19990810	Hemispheric fluid bearing apparatus	384/108		Choi; Jin-seung et al.
US 5934098 A	19990810	Refrigerator having a cabinet manufactured by a blow-molding process	62/440	312/401; 312/406; 62/298	Lee; Chang-Hoon
US 5931028 A	19990803	Filter for a washing machine	68/18F	210/136; 210/167; 210/232; 210/485; 210/497.01	Shin; Jung-soo et al.
US 5928816	19990727	X-ray absorber in X-ray	430/5	378/35	Lee; Don-

A		mask and method for manufacturing the same			Hee et al.
US 5921113 A	19990713	Clothes washing machine having electrolytic purifier for waste water	68/13R	205/742; 68/17R; 68/208	Lee; Chang Young et al.
US 5914641 A	19990622	Gate voltage control circuit of a power amplifier	330/302	330/285	Yun; Kwang-Jun et al.
US 5911512 A	19990615	Fluid bearing apparatus having a uniform dynamic pressure distribution	384/123	384/112	Lee; Chang-woo
US 5907905 A	19990601	Method for manufacturing a hemisphere of a hemispheric bearing	29/898.042	29/412; 72/355.4; 72/463	Lee; Chang-woo
US 5905899 A	19990518	Power control device in printer and method for controlling the same	713/300	713/323	Kim; Jung-Hwan et al.
US 5903172 A	19990511	Output voltage detection circuit for traffic signal controller	327/79	327/161; 327/218; 327/261	Lee; Jeong-Jun
US 5902122 A	19990511	Method of manufacturing an ILD layer by plasma treatment before applying SOG	438/224	257/E21.241; 257/E21.576	Sheen; Dong Sun et al.
US 5900717 A	19990504	Rechargeable battery charging circuit	320/150	320/153	Lee; Chang-Hum
US 5898247 A	19990427	Electric motor having a spherical bearing	310/90	384/108	Lee; Chang-Woo
US 5897350 A	19990427	Memory cell structure for semiconductor memory device and fabricating method thereof	438/238	257/E21.648; 438/253	Lee; Chang-Jae et al.
US 5893731 A	19990413	Method for fabricating low cost integrated resistor capacitor combinations	438/238	257/E21.004; 257/E21.008; 257/E27.026; 438/240; 438/253; 438/381; 438/382; 438/396; 438/466	Lee; Chang-Shu et al.
US 5893380 A	19990413	Method for cleaning molding compound tablets	134/5	134/21; 134/25.4; 134/32; 134/37; 134/42;	Lee; Chang Ho



				264/272.11; 264/328.5	
US 5890764 A	19990406	Car seat	297/344.22	248/349.1; 248/418; 297/344.24	Lee; Chang-Seog
US 5889724 A	19990330	Word line driving circuit for semiconductor memory device and method	365/230.03	365/200; 365/225.7; 365/230.06	Khang; Chang-Man et al.
US 5886986 A	19990323	Duplexer having dual coupled line characteristics	370/276	333/202; 343/909	Lee; Chang-Hwa et al.
US 5883207 A	19990316	Process for preparing isobutene cyclopentadiene-methylcyclopentadiene terpolymers	526/185	526/237; 526/308; 526/348.7; 526/77; 526/912	Youn; Hyun Kee et al.
US 5880992 A	19990309	Electrically erasable and programmable read only memory	365/185.04	365/195; 365/233	Lee; Chang-Ho
US 5866458 A	19990202	Method for fabricating a CMOS	438/277	257/E21.642; 438/199; 438/237	Lee; Chang Jae
US 5862484 A	19990119	Wide area paging service processing method and apparatus of a radio paging system	455/445	340/7.31; 455/426.1	Lee; Chang-Duk
US 5862144 A	19990119	Method for correcting a high frequency measurement error	714/701	714/746	Lee; Chang Seok et al.
US 5861730 A	19990119	Battery charging apparatus	320/106	320/132; 320/150; 320/162	Lee; Chang-Hum
US 5855438 A	19990105	Journal bearing apparatus	384/112	384/113	Lee; Chang-Woo
US 5855437 A	19990105	Conical bearing apparatus having a dynamic pressure generating groove	384/110	384/112	Lee; Chang-woo
US 5855436 A	19990105	Fluid bearing apparatus	384/110		Eum; Jae-yong et al.
US 5854617 A	19981229	Circuit and a method for controlling a backlight of a liquid crystal display in a portable computer	345/102	345/211; 345/63; 713/320; 713/340	Lee; Chang-Hum et al.
US 5854524 A	19981229	Motor with semi-spherical bearing	310/90	384/108; 384/112; 384/123	Lee; Chang-Woo
US 5849846	19981215	Balloons for medical	525/166	525/176;	Chen; Ziyun

A		catheters		525/179; 525/183; 525/496	et al.
US 5848843 A	19981215	Dual supporting pivot thrust bearing apparatus	384/101	384/610	Lee; Chang-woo
US 5848057 A	19981208	Apparatus for estimating variable bit rate (VBR) video traffic, and method therefor	370/232	348/385.1; 348/387.1	Lee; Chang-Bum et al.
US 5840611 A	19981124	Process for making a semiconductor MOS transistor	438/307	257/E21.31; 438/301; 438/585	Lee; Chang-Jae et al.
US 5830791 A	19981103	Manufacturing process for a DRAM with a buried region	438/238	257/E27.086; 438/253	Lee; Chang Jae et al.
US 5825418 A	19981020	B-frame processing apparatus including a motion compensation apparatus in the unit of a half pixel for an image decoder	375/240.15	348/718	Song; Ki Hwan et al.
US 5818172 A	19981006	Lamp control circuit having a brightness condition controller having 2.sup. n .sup.rd and 4.sup.th current paths	315/86	315/226; 315/247; 315/307; 315/DIG.4; 315/DIG.7	Lee; Chang-Hum
US 5816058 A	19981006	Device for magnetically treating water	62/126	210/222; 366/273; 62/377	Lee; Chang Woo et al.
US 5814795 A	19980929	Nuxiliary cooking device for microwave ovens	219/732	219/762; 99/419; 99/421R; 99/DIG.14	Kim; Dae-Rae et al.
US 5814638 A	19980929	Ophthalmic formulation for treating myopia comprising dopamine agonist and cyclodextrin	514/58	514/250; 514/912	Lee; Yong-Hee et al.
US 5810930 A	19980922	Photo-chemical vapor deposition apparatus having exchange apparatus of optical window and method of exchanging optical window therewith	118/719	118/715; 118/722; 414/221	Eom; Young Chang et al.
US 5805910 A	19980908	Computer hibernation system for transmitting data and command words between host and controller	713/323	307/66; 700/286; 702/63; 713/321;	Lee; Chang-ho et al.

				713/324; 714/14; 714/22	
US 5803335 A	19980908	Pinch roller assembly having a rubber cushion for making a contact surface thereof pivotable	226/191	226/186	Lee; Chang-Ho
US 5801086 A	19980901	Process for formation of contact conductive layer in a semiconductor device	438/558	257/E21.165; 438/659; 438/661; 438/664; 438/683	Lee; Chang Jae
US 5801074 A	19980901	Method of making an air tight cavity in an assembly package	438/125	257/E23.066; 257/E23.189; 257/E23.193; 438/118; 438/121; 438/126	Kim; Jong Tae et al.
US 5798505 A	19980825	Microwave oven with upwardly directed air discharge duct	219/681	126/21A; 219/400; 219/757	Lee; Jeong Hee
US 5795942 A	19980818	Water soluble conductive polyaniline composites and process for preparing the same	525/540	252/500; 524/156; 525/403; 525/409	Rhee; Suh Bong et al.
US 5792017 A	19980811	Video cassette recorder incorporating therein a belt pulley set enabling a timing belt to be mounted thereover without belt slack	474/148	242/608.6; 474/151; 474/172; 474/173; 474/273	Lee; Chang-Ho
US 5791577 A	19980811	Reel lock releasing apparatus for a magnetic recording/reproducing apparatus capable of operating dual sized cassettes	242/336	242/338.1; 242/338.3	Lee; Chang-Ho
US 5789287 A	19980804	Method of forming field isolation in manufacturing a semiconductor device	438/227	257/E21.558; 438/451	Lee; Chang Kwon
US 5773468 A	19980630	Irreversible HIV protease inhibitor having an anti-aids activity and process for the preparation thereof	514/475	549/523; 549/552	Kim; Sung Chun et al.
US 5770026 A	19980623	Semiconductor fabrication apparatus having improved sputtering collimator and	204/298.11	204/192.12; 204/298.09; 257/E21.161	Lee; Chang-Jae

		wiring method for a semiconductor device using such apparatus			
US 5767732 A	19980616	Circuit for permanently adjusting a circuit element value in a semiconductor integrated circuit using fuse elements	327/525	257/E27.047	Lee; Jeong-In et al.
US 5765915 A	19980616	Apparatus for adjusting the height of the seat cushion for a vehicle	297/344.12	180/272; 297/284.6; 297/452.28; 297/452.41; 307/10.1; 307/119; 307/9.1; 5/654; 701/49	Lee; Chang Seog
US 5763631 A	19980609	Irreversible HIV protease inhibitors, intermediates, compositions and processes for the preparation thereof	549/552	544/147; 546/169; 546/275.1; 546/277.4; 546/281.7; 548/304.7	Kim; Sung Chun et al.
US 5763317 A	19980609	Method for PBLOCOS isolation between semiconductor devices	438/448	257/E21.258	Lee; Chang-Jin et al.
US 5760484 A	19980602	Alignment mark pattern for semiconductor process	257/797	257/E23.179; 356/401	Lee; Chang-Hsun et al.
US 5745990 A	19980505	Titanium boride and titanium silicide contact barrier formation for integrated circuits	29/852	257/E21.165; 257/E21.375; 257/E21.584; 438/643; 438/655	Lee; Chang-Ou et al.
US 5745857 A	19980428	Gaas power amplifier for analog/digital dual-mode cellular phones	455/553.1	330/136; 330/310; 455/127.1	Maeng; Sung-Jae et al.
US 5744621 A	19980428	Irreversible HIV protease inhibitors, intermediates, compositions and processes for the preparation thereof	549/553	544/168; 546/169	Kim; Sung Chun et al.
US 5741722 A	19980421	Method for manufacturing DRAM device using high dielectric constant	438/240	257/E21.008; 257/E21.648; 438/253; 438/396; 438/653	Lee; Chang Jae
US 5737143	19980407	Apparatus for movably	360/75	360/119;	Lee; Chang-

A		mounting a full erase head for use in a video cassette recorder		360/85	Ho
US 5732085 A	19980324	Fixed length packet switching apparatus using multiplexers and demultiplexers	370/398	370/218; 370/241.1; 370/395.71; 370/413	Kim; Kyeong Soo et al.
US 5721155 A	19980224	Method for forming a via contact of a semiconductor device	438/637	257/E21.589; 438/702	Lee; Chang Jae
US 5720843 A	19980224	Electrical interconnection method	156/276	156/292; 156/305; 257/E21.511; 257/E21.514; 29/832; 29/842; 361/768; 361/770	Lee; Chang- hoon
US 5717335 A	19980210	Electric bulb short detection apparatus for traffic signal controller	324/414	340/642	Lee; Jeong Jun
US 5715302 A	19980203	Apparatus and method for executing mode conversion of a facsimile system into automatic mode	379/100.16	358/468	Lee; Chang- Bok
US 5713532 A	19980203	Cam gear for actuating a reel brake mechanism in a video cassette recorder	242/355	242/333; 242/334.1; 360/71; 360/74.1	Lee; Chang- Ho
US 5710991 A	19980120	Apparatus and method for controlling and measuring output power of transmitter	455/126	455/117	Lee; Chang- Yong
US 5704429 A	19980106	Control system of an excavator	172/4.5	37/348; 414/699; 701/50	Lee; Jin Han et al.
US 5699848 A	19971223	Method for manufacturing a replica stamper	164/46	164/19	Lee; Chang- Yong et al.
US 5696134 A	19971209	Irreversible HIV protease inhibitors, intermediates, compositions and processes for the preparation thereof	514/314	514/326; 514/475; 530/331	Yoon; Heungsik et al.
US 5693246 A	19971202	Microwave oven having a vertically adjustable radiant heater	219/685	219/404; 219/702	Han; Dae Sung et al.
US 5686458 A	19971111	Quinazoline deriviates for treating peptic ulcer	514/266.21	544/284	Lee; Jong Wook et al.

US 5686344 A	19971111	Device isolation method for semiconductor device	438/425	148/DIG.50; 257/E21.559; 257/E21.572; 257/E27.063; 438/224; 438/444; 438/445	Lee; Chang-Jae
US 5686343 A	19971111	Process for isolating a semiconductor layer on an insulator	438/413	148/DIG.154; 257/E21.564; 438/442; 438/481	Lee; Chang-Jae
US 5686339 A	19971111	High dielectric constant capacitor and a fabricating method thereof	257/306	257/310; 257/E21.008; 438/396; 438/701	Lee; Chang-Jae et al.
US 5680279 A	19971021	Audio head assembly for use in a video cassette recorder	360/291.3		Lee; Chang-Ho
US 5679687 A	19971021	Irreversible HIV protease inhibitors, compositions containing same and process for the preparation thereof	514/307	514/314; 514/475; 546/146; 546/169; 549/552	Choy; Nakyen et al.
US 5670517 A	19970923	Irreversible HIV protease inhibitors, compositions containing same and process for the preparation thereof	514/307	514/314; 514/475; 546/146; 546/169; 549/552	Choy; Nakyen et al.
US 5663585 A	19970902	DRAM having a buried region contacted through a field region	257/296	257/306; 257/382; 257/647; 257/E27.086	Lee; Chang-Jae et al.
US 5661338 A	19970826	Chip mounting plate construction of lead frame for semiconductor package	257/676	257/649; 257/670; 257/672; 257/674; 257/711; 257/E23.037	Yoo; Youn Cheol et al.
US 5661067 A	19970826	Method for forming twin well	438/420	257/E21.346; 257/E21.644; 438/220; 438/527	Lee; Chang-Jae et al.
US 5658815 A	19970819	Method of fabricating silicided LDD transistor	438/304	257/E21.196; 257/E21.205; 257/E29.152; 257/E29.156;	Lee; Chang-Jae et al.

				257/E29.269; 438/305; 438/392; 438/396	
US 5656860 A	19970812	Wiring structure for semiconductor device and fabrication method therefor	257/751	257/763; 257/764; 257/E23.019; 257/E23.16	Lee; Chang-Jae
US 5654613 A	19970805	Over drive control apparatus of direct current series motor	318/139	318/254; 318/258; 318/371; 318/376	Kim; Jong Gun et al.
US 5653396 A	19970805	Apparatus for detecting rotative velocity of a reel table	242/334.4	242/534; 242/563	Lee; Chang-Ho
US 5650919 A	19970722	Apparatus including a peak shaped dielectric dam	361/779	174/117A; 257/E21.511; 257/E23.075; 361/760; 361/770; 439/591; 439/66; 439/91	Loh; Karl I. et al.
US 5646052 A	19970708	Isolation region structure of semiconductor device and method for making	438/426	257/397; 257/510; 257/513; 257/E21.55; 257/E21.552; 257/E21.572; 438/427; 438/432	Lee; Chang Jae
US 5642080 A	19970624	Low noise amplifier in monolithic integrated circuit	330/277	330/286; 330/307	Whang; In-Gap et al.
US 5639678 A	19970617	Method of making semiconductor device with metal silicide nitride layer and metal silicide	438/308	257/E21.165; 257/E23.019; 257/E29.146; 257/E29.156; 438/533; 438/586; 438/655; 438/660	Lee; Chang-Jae et al.
US 5637524 A	19970610	Method for forming wells of semiconductor device	438/448	257/E21.556; 257/E21.558; 257/E21.644; 438/228; 438/451	Lee; Chang J. et al.

US 5631761 A	19970520	Drive motor for rotating multi-faceted mirror	359/200	359/198; 359/216; 384/100	Lee; Chang-woo
US 5626783 A	19970506	Temperature compensation device and method for maintaining warmth of a cooker utilizing an inverter circuit	219/497	219/483; 219/486; 219/501; 219/508; 374/133; 374/169	Lee; Chang W. et al.
US 5625843 A	19970429	Audio data input device for multi-media computer	710/22	704/201	Lee; Chang-ho
US 5625230 A	19970429	Integrated circuit chip structure	257/736	257/737; 257/778; 257/E21.503; 257/E21.511	Park; Jin-woo et al.
US 5621349 A	19970415	Device for controlling an output level of an FM detecting circuit using phase locked loop	329/325	329/318; 331/23; 455/214; 455/245.1; 455/337	Kim; Yang-gyun et al.
US 5610105 A	19970311	Densification in an intermetal dielectric film	438/789	257/E21.241; 257/E21.576	Vines; Landon B. et al.
US 5607357 A	19970304	Video apparatus having a game function	463/40	463/43	Kim; Jong W. et al.
US 5604138 A	19970218	Process for making a semiconductor MOS transistor	438/307	257/E21.206	Lee; Chang-Jae et al.
US 5598319 A	19970128	Magnetic recording and reproducing apparatus with game pack driver	361/684	439/131; 439/31	Lee; Chang Y.
US 5594604 A	19970114	Tape loading device incorporating therein an intermediate gear for actuating loading gears	360/85	360/95	Lee; Chang-Ho
US 5587388 A	19961224	Irreversible HIV protease inhibitors, intermediates, compositions and processes for the preparation thereof	514/314	546/169; 546/175	Kim; Sung C. et al.
US 5583064 A	19961210	Semiconductor device and process for formation thereof	438/300	257/332; 257/333; 257/E21.428; 438/297; 438/307	Lee; Chang-Jae et al.
US 5574895 A	19961112	Multi-memory function programmable counter and	713/500		Lee; Chang S. et al.



		timer			
US 5570430 A	19961029	Method for determining the contour of an in vivo organ using multiple image frames of the organ	382/128	378/98.5; 382/131; 382/132; 382/266	Sheehan; Florence H. et al.
US 5568751 A	19961029	Reversible ratchet wrench and reversible ratchet mechanism thereof	81/63	192/43.1	Lee; Chang C.
US 5567244 A	19961022	Process for cleaning semiconductor devices	134/3	134/36; 134/902; 257/E21.228	Lee; Chang- Jae et al.
US 5563091 A	19961008	Method for isolating semiconductor elements	438/450	257/E21.258; 257/E21.545; 257/E21.557; 257/E21.559; 438/452	Lee; Chang- Jae
US 5559560 A	19960924	Caption line finding circuit for pictorial signal processor	348/465	348/468	Lee; Chang Y.
US 5553357 A	19960910	High bulky wool spun yarn and a drafting apparatus for preparing the yarn	19/258	19/244; 492/31; 492/35	Kim; Kun- hye et al.
US 5539467 A	19960723	B-frame processing apparatus including a motion compensation apparatus in the unit of a half pixel for an image decoder	375/240.15	348/699	Song; Ki H. et al.
US 5532761 A	19960702	Method for automatic reservation tuning for broadcasting receivers and device therefor	725/58	348/569; 455/184.1	Lee; Changho
US 5528311 A	19960618	Complex filter apparatus for use in an equalizer	348/607	348/624	Lee; Chang- Eui et al.
US 5527719 A	19960618	Process for making a semiconductor MOS transistor using a fluid material	438/307	257/E21.346; 438/531; 438/944	Park; Gum- Jin et al.
US 5520799 A	19960528	Distillate upgrading process	208/143	208/144; 208/216R; 208/217; 208/227; 208/251H; 208/254H	Brown; Stephen H. et al.
US 5510532 A	19960423	Stable conducting polymer and processes for the preparation thereof	564/284	564/285; 564/287; 564/288;	Rhee; Suh B. et al.

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US 5504635 A	19960402	Device for adjusting a tension arm spring biasing force	360/95	242/334.6; 360/85	Lee; Chang-Ho
US 5502366 A	19960326	Battery pack coupler for camcorder with sliding lever	348/372	348/376; 429/186	Lee; Chang H.
US 5500913 A	19960319	Apparatus and method of fabricating directional fiber optic taps, sensors and other devices with variable angle output	385/48	219/121.6; 219/121.61; 219/121.67; 219/121.68; 219/121.69; 385/15; 385/27; 385/31; 385/39; 385/42	Allen; Susan D. et al.
US 5500474 A	19960319	Stable conducting polymer and processes for the preparation thereof	524/714	524/700; 524/722; 524/726; 524/729; 528/373; 528/381; 528/388; 528/391; 528/422	Rhee; Suh B. et al.
US 5498566 A	19960312	Isolation region structure of semiconductor device and method for fabricating the same	438/425	148/DIG.50; 257/E21.572; 438/427; 438/432; 438/445	Lee; Chang J.
US 5493132 A	19960220	Integrated circuit contact barrier formation with ion implant	257/101	257/102; 257/655; 257/763; 257/764; 257/E21.165; 257/E21.168; 257/E21.584; 257/E21.59	Brugge; Hunter B. et al.
US 5484861 A	19960116	Biodegradable copolyester and method for preparing the same	525/450	524/700; 524/779; 525/437; 525/444; 528/361	Ihm; Dae W. et al.
US 5471150 A	19951128	Buffer with high and low speed input buffers	326/87	326/121; 326/27	Jung; Chil-min et al.

US 5470619 A	19951128	Method of the production of polycrystalline silicon thin films	438/479	136/258; 427/255.17; 427/255.19; 427/314; 427/402; 427/573; 427/578; 438/486; 438/764	Ahn; Byung T. et al.
US 5468665 A	19951121	Process for making a semiconductor MOS transistor employing a temporary spacer	438/231	257/E21.64; 438/305	Lee; Chang- Jae et al.
US 5467313 A	19951114	Level shifter and data output buffer having same	365/189.11	326/66; 326/73; 365/189.06; 365/194	Jung; Chul- min et al.
US 5459428 A	19951017	Switch circuit for monolithic microwave integrated circuit device	327/387	326/25; 326/33; 326/34; 327/388; 327/389; 327/427; 327/434; 330/277	Kim; Min- Gun et al.
US 5450278 A	19950912	Chip type capacitor for removing radio frequency noise	361/303	333/185; 361/301.4; 361/306.3; 361/313	Lee; Chang H. et al.
US 5445778 A	19950829	Method for the production of aliphatic copolyester film	264/176.1	264/165; 528/272; 528/275; 528/296; 528/301; 528/302	Ihm; Dae W. et al.
US 5442037 A	19950815	Polyester prepolymer showing shape-memory effect	528/301	528/272; 528/295.3; 528/297; 528/306; 528/307; 528/308; 528/308.6	Lee; Chang- Hwang et al.
US 5434104 A	19950718	Method of using corrosion prohibitors in aluminum alloy films	438/652	204/192.17; 257/E21.162; 257/E21.295; 438/688	Cain; John L. et al.

US 5430640 A	19950704	Power supply	363/127	363/20; 363/41; 363/45	Lee; Chang-U
US 5427971 A	19950627	Method for fabrication of semiconductor elements	438/303	148/DIG.117; 257/E29.266; 257/E29.269; 438/305; 438/911	Lee; Chang J. et al.
US 5416170 A	19950516	Conductive polymeric composite with high electrical activation density and method for preparing the same	524/398	524/176; 524/396; 524/606; 524/785	Rhee; Suh B. et al.
US 5410878 A	19950502	Automatic warming-up apparatus and method thereof in hydraulic system	60/327	417/32; 417/34; 60/329; 60/431	Lee; Chang-Soo et al.
US 5409734 A	19950425	Making liquid suspension type light valve film	427/163.1	252/583; 252/585; 359/296; 427/164	Lee; Jeong Hoon et al.
US 5402284 A	19950328	Tray housing driving apparatus of digital audio tape recorder	360/96.5		Lee; Chang W. et al.
US 5399518 A	19950321	Method for manufacturing a multiple walled capacitor of a semiconductor device	438/396	257/E21.019; 257/E21.02; 257/E21.648; 257/E27.089	Sim; Sang-pil et al.
US 5397743 A	19950314	Method of making a semiconductor device	438/624	257/E21.575; 257/E21.583; 257/E21.589; 257/E23.143; 438/629; 438/631; 438/699; 438/701	Jun; Young K. et al.
US 5383072 A	19950117	Door lock apparatus for use in a tape recorder	360/96.5		Lee; Chang-woo
US 5378877 A	19950103	Method and apparatus for performing programmed cooking with an automatic delay start feature in microwave ovens	219/719	219/720; 219/721; 219/723	Lee; Chang W.
US 5374584 A	19941220	Method for isolating elements in a semiconductor chip	438/445	257/E21.258; 257/E21.553; 438/447;	Lee; Chang-Jae et al.

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US 5372053 A	19941213	Hammer	81/20	81/22	Lee; Chang C.
US 5369405 A	19941129	Coefficient generation apparatus for variable length decoder	341/63	341/67	Choi; Jong S. et al.
US D352442 S	19941115	Handlebar grip	D8/303		Lee-Chang; Chen
US 5361380 A	19941101	Woofer module for use in a television set	381/349	181/153; 381/333; 381/350; 381/388	You; Shi- Ryoung et al.
US 5338981 A	19940816	Semiconductor device having a decoding circuit for selection chips	326/105	326/21; 326/39; 327/530	Kim; Ki- Hong et al.
US 5336366 A	19940809	New dry etch technique	438/730	156/345.35; 156/345.47	Cain; John L. et al.
US 5329546 A	19940712	Clock recovery stabilization method and circuit in a receiver of a code division multiple access/direct sequence (CDMA/DS) system	370/342	375/147	Lee; Chang- Yong
US 5329161 A	19940712	Molybdenum boride barrier layers between aluminum and silicon at contact points in semiconductor devices	257/764	257/383; 257/751; 257/763; 257/770; 257/E23.16; 257/E29.146	Vines; Landon et al.
US D347983 S	19940621	Socket for a socket wrench	D8/25		Lee; Chang- Chuan
US 5321763 A	19940614	Body sense speaker	381/301	381/151; 381/333; 381/385; 381/417	Lee; Jeong- Gi
US 5315845 A	19940531	Cooling water storage tank of a refrigerator	62/338	165/170; 165/172; 62/389	Lee; Chang B.
US 5311651 A	19940517	Method for manufacturing multi-layer ceramic capacitor	29/25.42	361/309; 361/310	Kim; Yoon Ho et al.
US D345493 S	19940329	Ratchet wrench handle	D8/25		Lee; Chang- Chuan
US 5294571 A	19940315	Rapid thermal oxidation of silicon in an ozone ambient	438/770	257/E21.285; 438/774	Fujishiro; Felix et al.
US 5286518	19940215	Integrated-circuit processing	438/652	257/E21.576;	Cain; John et

A		with progressive intermetal-dielectric deposition		427/574; 427/579; 427/97.2; 438/672	al.
US 5267260 A	19931130	Spread spectrum receiver using the code division multiple access mode	370/342	375/130; 380/34	Lee; Chang-yong
US 5265746 A	19931130	Bottle cap having integral opener	215/295	215/303; 215/304; 215/328	Lee; Jeong M.
US 5263001 A	19931116	Low power consumption word line driver	365/227	326/112; 326/21; 365/230.06	Youn; Kwangjun et al.
US 5244747 A	19930914	Thermoplastic core and method of using	428/614	264/317; 264/437; 428/327; 428/407	Lee; Jeong M.
US 5243555 A	19930907	Memory cell for use in a static random access memory	365/154	365/156; 365/190	Youn; Kwangjun et al.
US 5227867 A	19930713	Apparatus for line-alternating interpolation of chroma signals	348/491	348/441; 348/504	Lee; Chang-jun
US D336871 S	19930629	Canteen carrier used on bicycle	D12/114	D12/411	Lee-Chang; Chen
US 5206715 A	19930427	Circuit for separating luminance and chrominance signals	348/664		Jung; Jun-mo et al.
US 5201991 A	19930413	Process for formation of capacitor	216/6	216/48; 216/66; 257/296; 257/E21.008; 257/E21.648; 438/253; 438/396	Lee; Chang-Jae
US 5194937 A	19930316	Television signal converting apparatus and method	348/458		Lee; Chang-jun et al.
US 5193419 A	19930316	Wrench with telescopic handle	81/177.2	403/324; 403/4; 81/177.5	Lee; Chang-Chuan
US 5185670 A	19930209	Zooming position on-screen display device for camcorders	348/347		Lee; Chang J.
US 5166795 A	19921124	Vertical peaking method and the apparatus thereof	348/687	348/571	Lee; Jeong-sang et al.
US 5162681	19921110	Differential sense amplifier	327/53	327/55;	Lee; Jeong-

A				327/87; 365/189.11	Ryeol
US 5160861 A	19921103	Circuit for controlling the output of a sense amplifier	327/51	365/206	Lee; Jeong-Woo
US 5125033 A	19920623	Body sense speaker	381/333	381/151; 381/301; 381/385; 381/417	Lee; Jeong-gi
US 5103013 A	19920407	Dithioketene derivatives, pharmaceutical compositions containing the same and uses thereof	548/195	546/279.7; 549/39; 549/89	Kim; Choong S. et al.
US 5088018 A	19920211	Overvoltage protection power supply circuit	363/56.01	323/276; 361/18	Lee; Chang-heum
US 5075590 A	19911224	Convergence correcting device for in-line type color picture tube	313/412	313/428; 313/431; 313/440	Lee; Jeonghee
US 5074520 A	19911224	Automatic mixing faucet	251/40	251/129.04; 4/623	Lee; Chang H. et al.
US 5062164 A	19911105	Automatic mixing faucet	4/677	137/613; 251/129.04; 4/623	Lee; Chang H. et al.
US 4953236 A	19900904	Automatic mixing faucet	4/668	236/12.12; 251/129.04; 4/623; 4/677	Lee; Chang H. et al.
US 4900564 A	19900213	Stabilization of wine with honey and SO.sub.2	426/15	426/269; 426/330.4; 426/330.5; 426/51; 426/592; 426/599; 426/654; 426/658	Lee; Chang Y. et al.
US 4892644 A	19900109	Upgrading solvent extracts by double decantation and use of pseudo extract as hydrogen donor	208/107	208/106; 208/56; 208/80	Choi; Byung; C. et al.
US 4886207 A	19891212	Automatic mixing faucet	236/12.12	137/596.16; 251/129.04; 251/30.01	Lee; Chang H. et al.
US 4866110 A	19890912	Thermoplastic compositions, resin molded product for vehicle lining and method for manufacturing the same	524/11	524/13; 524/15; 524/34; 524/448; 524/452; 524/492	Lee; Chang Y.

US 4848618 A	19890718	Collapsible container	220/1.5	220/7; 220/812	Yuan; Chii-Yah et al.
US 4740380 A	19880426	Calcium fortified acid beverages	426/590	426/74	Melachouris; Nicholas et al.
US 4719738 A	19880119	Block	52/607	404/34; 52/505; D25/113	Lee; Chang Y.
US 4675201 A	19870623	Protein composition characterized by lower thermogelation temperature and improved acid solubility	426/573	426/614; 426/657	Lee; Chang R. et al.
US 4636388 A	19870113	Preparing protein for hydrolysis and product	426/7	426/32; 426/41; 426/46; 426/573; 426/656; 426/657; 435/68.1	Lin; Chifa F. et al.
US D284706 S	19860715	Block	D25/117		Lee; Chang Y.
US 4595594 A	19860617	Process for preparing intensified cheese flavor product	426/35	426/36; 426/38; 426/39	Lee; Chang R. et al.
US 4578183 A	19860325	Feed mixing technique for fluidized catalytic cracking of hydrocarbon oil	208/113	208/153; 208/157; 208/164; 422/143	Chou; Tai-Sheng et al.
US 4482574 A	19841113	Process for the preparation of protein for hydrolysis	426/7	426/32; 426/42; 426/44; 426/46; 426/56; 426/656; 426/657	Lee; Chang R.
US 4414240 A	19831108	Process for lowering the thermogelation temperature of egg albumen	426/614	426/330.1	Lee; Chang R.
US 4373994 A	19830215	Pyrolysis process and apparatus	201/22	201/28; 201/31; 201/32; 201/41; 202/108; 202/215; 202/99; 208/410;	Lee; Chang-Kuei



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US 4248686 A	19810203	Cross flow electrofilter and method	204/562		Gidaspow; Dimitri et al.
US 4224135 A	19800923	Cross-flow electrofilter and method	204/665		Gidaspow; Dimitri et al.